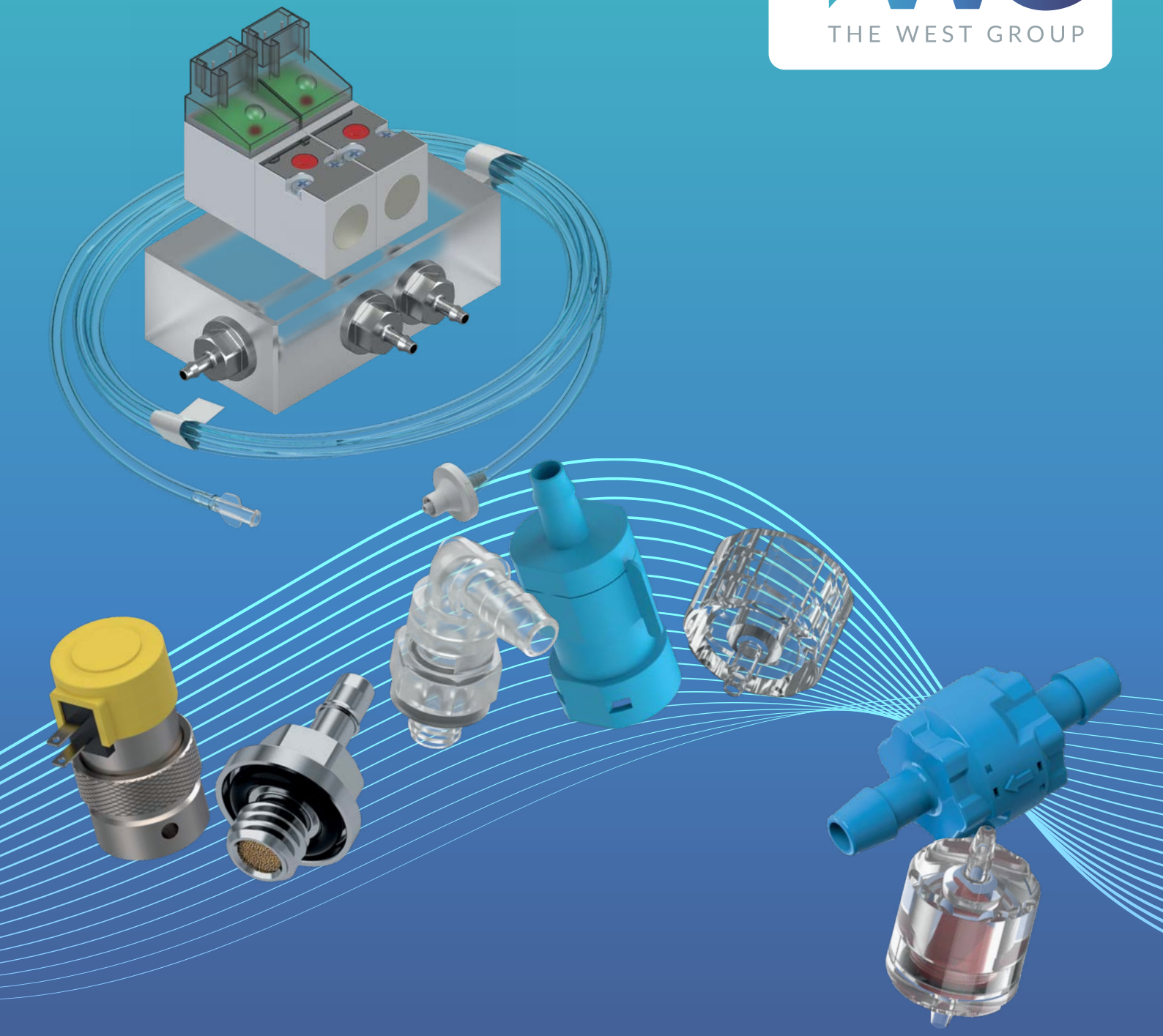
TWG
THE WEST GROUP



Your partner in medical and life science fluid components and solutions

CHECK VALVES | COUPLINGS | FILTERS | FITTINGS | FLOW CONTROL

Our commitment to you

The West Group (TWG) is a globally recognised specialist in the design, production and supply of fluid control solutions. With over 50 years' experience we have a great team of professional, highly skilled personnel, providing innovative solutions and delivering them worldwide.

Our expansive portfolio of fluid management components enables you to make a significant contribution to the medical and life science sectors. We understand the importance of safety, cost, quality and time to market.

From conception to production, knowledge and understanding of materials, component design fundamentals and market experience are applied at every stage.



Our Components

We have a large range of off-the-shelf, RoHS and REACH compliant components. Many of these can be adapted to suit your specific variants.

Our range includes:

- **Check Valves**
- **Couplings**
- **Filters**
- **Fittings**
- **Flow Control**

Full online technical documentation including material specification, dimensional drawings and 3D CAD models are available for every product.

Off-the-shelf parts don't always meet your project's unique needs. Our in-house team of fluid dynamic specialists will work with you to provide a solution, eg. sourcing alternative end connections and body materials, for a perfect fit.

Custom Solutions

We work with you from concept to full production including design, prototyping and test procedures.

The equipment and tooling used in the production of our miniature components give us full control and flexibility to fulfil your requirements.

Our custom product design service includes:

- Project specification to understand your requirements and product application
- Component and part selection based on the correct material specification
- Prototype sample production with associated function and quality testing
- ISO accredited cleanroom assembly and packing

Agile and responsive

Cleanroom assembly:

We operate ISO accredited 7 & 8 cleanrooms which can be used as a stand-alone service or alongside our component range.

Our facilities are fully certified to meet your needs, for both assembly and testing. With a scalable operation, we deliver small production runs through to high volume production capability.

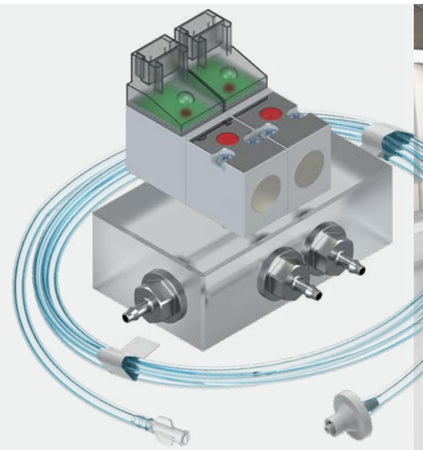
Quality at our core

We are proud to be an ISO 9001 and ISO 13485 certified company.

We ensure production quality with 100% inspection, testing and validation to our standard or customer-specific requirements.

Our 'commitment to quality' flows through every aspect of our business practices.

Contact: +44 (0)23 9226 6031 | sales@westgroup.co.uk | westgroup.co.uk





Custom Component Design

- Customised solutions for flow control applications
- Product development & manufacturing capabilities
- Prototype sample production - machined and 3D printed
- ISO 9001 and ISO 13485 certified company

Tube & Manifold Assemblies

- Specialist supplier of precision manifold & tube assemblies
- Design, prototype & manufacture of machined and 3D printed manifolds in metal or plastic
- ISO accredited Class 7 & 8 cleanroom assembly
- Wide range of connection options

Our capabilities

Our specialities are product development, engineering and innovation. We bring our collaborative professional expertise in healthcare technology, engineering and manufacturing to your projects.

Product Development

- Initial concept to design support
- Design collaboration
- Prototyping to production
- Design for manufacture
- Tool design

Product Design

- Custom materials
- Part & tool analysis
- Component function & quality testing

Manufacturing

- Injection moulding
- CNC manufacturing
- 3D, pad and laser printing

Inspection and Testing

- Component manufacturing certified to ISO 9001 & ISO 13485
- Pressure testing for liquid & gas applications
- Coordinate Measuring Machine (CMM) and Keyence precision measuring

Production Assembly

- Tubing & manifold assembly
- UV, solvent & adhesive bonding
- Kit packaging & labelling
- Ultrasonic welding
- Sterilisation
- Tube cutting

From concept to cleanroom production and packaging we offer a complete end to end service

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Key

- **Soft Tube (50-85 Shore A)**
  Compatible with blue dot fittings
- **Hard Tube (90-95 Shore A)**
  Compatible with green dot fittings
- **ISO 80369-7**
  Certified to ISO 80369-7 standard



Barbed Adaptors

Barbed fittings in a range of materials and types including straight, elbow, tee and Y-piece.

Pages 6-32



Panel Mount Adaptors

Various sizes, types and materials available, types include standard, swivel and reducing.

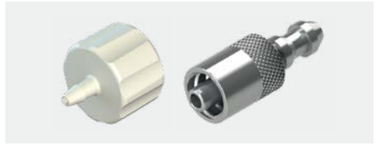
Pages 33-37



Threaded Adaptors

Providing a secure, leak-resistant connection between medical devices.

Pages 38-39



Luers

Options include female, male, luer lock and slip luers. ISO 80369-7 luers also available.

Pages 40-71



Push-In

A quick connect fitting that allows an air (or water) line to be attached.

Pages 72-77

Fittings

TWG offers a wide range of components including miniature, plastic and metal fittings, luers and push-in options to suit many applications.

Available in types ranging from elbows, tees, crosses, straights, panel mounts and accessories. We also offer different styles including barb to barb, barb to thread and threaded adaptors.

Some of our luers are certified to ISO 80369-7. The ISO 80369-7 standard for intravascular and hypodermic applications has tightened dimensions and functional testing for luer connectors to help prevent misconnections.

Key Features

- Compact design
- Optional style and size of connection
- RoHS and REACH compliant
- Practical and cost effective

Typical Applications

- Bioprocessing
- Pressure/Wound Care
- Ophthalmic
- Analytical Detection

Material Options

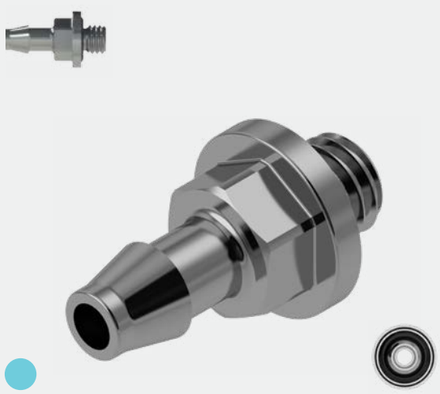
- ABS
- Nylon
- Polycarbonate
- Polypropylene
- Nickel Plated Brass
- Stainless Steel

E-F-4B1U-316-N

316 Stainless Steel Straight Adaptor, Buna-N (Nitrile) Seal, 1/8" (3.2mm) ID Tube to 10-32 UNF Male Thread

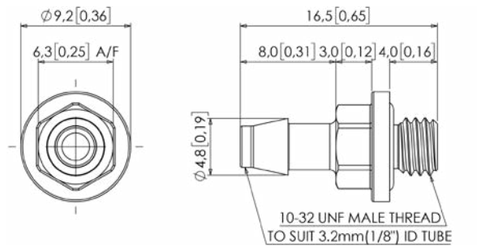
View range

Actual Size



Technical Data

Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 10-32 UNF Male Thread
Mounting Style: Threaded
Wetted Materials: 316 Stainless Steel, Buna-N (Nitrile)
Non-wetted Materials: 316 Stainless Steel
Media/Ambient Temperature: -30°C to 100°C (-22 to 212°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: This product incorporates a specially engineered groove design that complements the O-ring seal, resulting in a highly effective and leak-tight joint. Together, the groove design and O-ring work seamlessly to ensure superior sealing performance for this product.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-2B1U-316-N	1/16" ID	Threaded	316 Stainless Steel
E-F-3B1U-316-N	3/32" ID	Threaded	316 Stainless Steel

Also available with EPDM, Silicone and Viton seals

Seal the deal

Our barbed adaptors are available with EPDM, Buna-N (Nitrile), Silicone and Viton (FKM) seals, helping you find the perfect fit.



Explore our full EBF range online

E-F-4B1U-ENP-N

Nickel Plated Brass Straight Adaptor, Buna-N (Nitrile) Seal, 1/8" (3.2mm) ID Tube to 10-32 UNF Male Thread

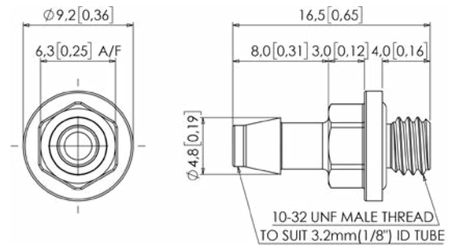
View range

Actual Size



Technical Data

Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 10-32 UNF Male Thread
Mounting Style: Threaded
Wetted Materials: Nickel Plated Brass, Buna-N (Nitrile)
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: -30°C to 100°C (-22 to 212°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: This product incorporates a specially engineered groove design that complements the O-ring seal, resulting in a highly effective and leak-tight joint. Together, the groove design and O-ring work seamlessly to ensure superior sealing performance for this product.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-2B1U-ENP-N	1/16" ID	Threaded	Nickel Plated Brass
E-F-3B1U-ENP-N	3/32" ID	Threaded	Nickel Plated Brass

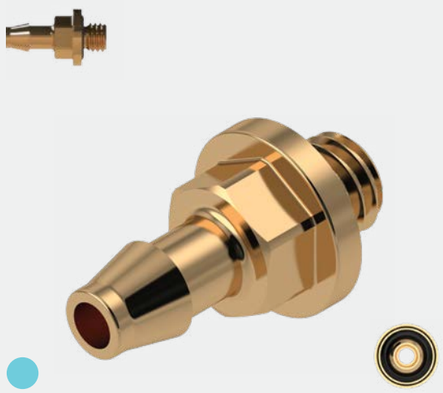
Also available with EPDM, Silicone and Viton seals

E-F-4B1U-PB-N

Brass Straight Adaptor, Buna-N (Nitrile) Seal, 1/8" (3.2mm) ID Tube to 10-32 UNF Male Thread

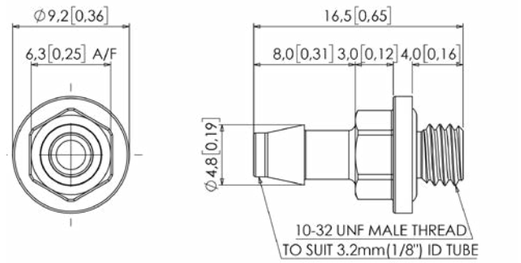
View range

Actual Size



Technical Data

Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 10-32 UNF Male Thread
Mounting Style: Threaded
Wetted Materials: Brass, Buna-N (Nitrile)
Non-wetted Materials: Brass
Media/Ambient Temperature: -30°C to 100°C (-22 to 212°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: This product incorporates a specially engineered groove design that complements the O-ring seal, resulting in a highly effective and leak-tight joint. Together, the groove design and O-ring work seamlessly to ensure superior sealing performance for this product.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-2B1U-PB-N	1/16" ID	Threaded	Brass
E-F-3B1U-PB-N	3/32" ID	Threaded	Brass

Also available with EPDM, Silicone and Viton seals

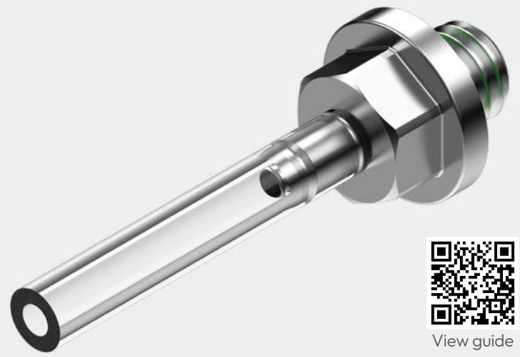
Contact: +44 (0)23 9226 6031 | sales@westgroup.co.uk | westgroup.co.uk

Standard vs. Easy Barb Design

The innovative Standard Barb design is optimised for the easy manual insertion of softer tubing onto the fitting. This is known as our **blue dot** tubing ranging from 50 to 85 Shore A.

This maintains excellent gripping strength and guarantees a secure connection at the tubing interface, effectively preventing any potential leaks.

We also have the option of Easy Barb which is recommended for our **green dot** tubing ranging from 90 to 95 Shore A.



View guide



Standard Barb - Soft Tubing (Blue Dot)

The standard barb range is optimised for the easy manual insertion of softer tubing onto the fitting. It is recommended for our soft tubing range 50 to 85 Shore A, which is marked with a **blue dot.**



Easy Barb - Hard Tubing (Green Dot)

The easy barb design is optimised for the easy manual insertion of harder tubing, maintaining excellent gripping strength. Components compatible with harder tubing are marked with a **green dot.**



Tubing Compatibility

Connecting your fittings and tubing couldn't be easier. We have created a guide to match our range of tubing and fittings. Easily identify your perfect connection by using our colour coded system. Follow our system throughout this catalogue or scan the QR code to view online.

Contact: +44 (0)23 9226 6031 | sales@westgroup.co.uk | westgroup.co.uk

E-F-4EB1U-316-N

316 Stainless Steel Straight Easy Barb Adaptor, Buna-N (Nitrile) Seal, 1/8" (3.2mm) ID Tube to 10-32 UNF Male Thread

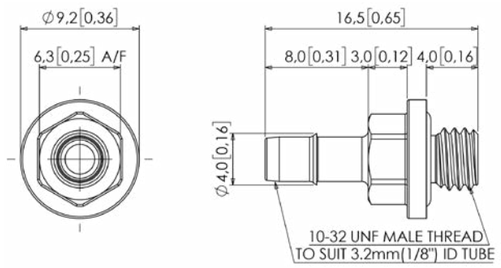
View range

Actual Size



Technical Data

Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 10-32 UNF Male Thread
Mounting Style: Threaded
Wetted Materials: Nickel Plated Brass, Buna-N (Nitrile)
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: -30°C to 100°C (-22 to 212°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: This product incorporates a specially engineered groove design that complements the O-ring seal, resulting in a highly effective and leak-tight joint. Together, the groove design and O-ring work seamlessly to ensure superior sealing performance for this product.

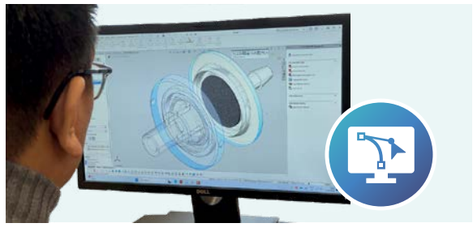


More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-2EB1U-316-N	1/16" ID	Threaded	316 Stainless Steel
E-F-3B1U-ENP-N	3/32" ID	Threaded	316 Stainless Steel

Other materials available online. Available with EPDM, Silicone and Viton seals.

Custom solutions



We work with you from concept to full production including design, prototyping and test procedures. The equipment and tooling used in the production of our components give us full control and flexibility to fulfil your requirements.

Get in touch today to discuss your next project.

E-F-4EB4EB-316

316 Stainless Steel Equal Straight Easy Barb Connector, 1/8" (3.2mm) ID Tube

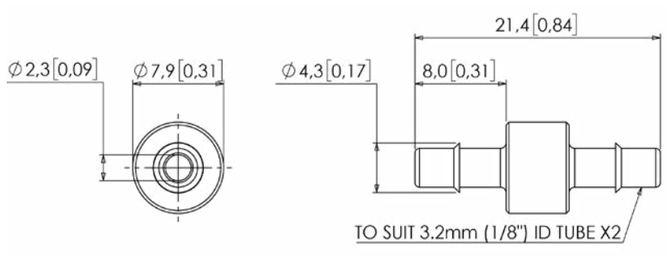
View range

Actual Size



Technical Data

Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: 316 Stainless Steel
Non-wetted Materials: 316 Stainless Steel
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: A 316 stainless steel equal straight connector with a barb to suit a 1/8" (3.2mm) ID tube. It has superior corrosion and chemical resistance, making it ideal for chemical processing, industrial and marine applications where exposure to moisture is common.



More from this range

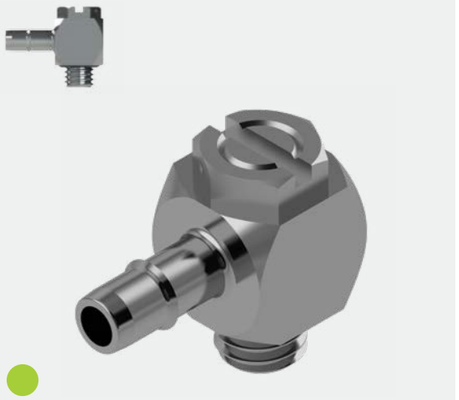
PART NUMBER	SIZE	STYLE	MATERIAL
E-F-2EB2EB-316	1/16" ID	In-line	316 Stainless Steel
E-F-3EB3EB-316	3/32" ID	In-line	316 Stainless Steel

E-F-4EB1U-B-E-316-N

316 Stainless Steel Easy Barb Elbow Banjo Adaptor, Buna-N (Nitrile) Seal, 1/8" (3.2mm) ID Tube to 10-32 UNF Male Thread

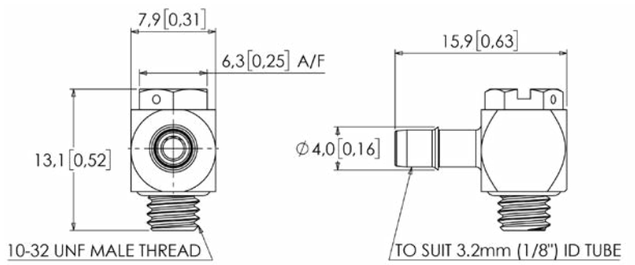
View range

Actual Size



Technical Data

Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 10-32 UNF Male Thread
Mounting Style: Threaded
Wetted Materials: 316 Stainless Steel, 303 Stainless Steel, Buna-N (Nitrile)
Non-wetted Materials: 316 Stainless Steel
Media/Ambient Temperature: -30°C to 100°C (-22 to 212°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: This elbow banjo adaptor features a durable 316 Stainless Steel body with an adjustable design for precise positioning. The 303 Stainless Steel bolt ensures corrosion resistance, while the Buna-N (Nitrile) O-ring provides a secure, leak-free seal.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-2EB1U-B-E-316-N	1/16" ID	Threaded	316 Stainless Steel
E-F-2EB1U-B-E-ENP-N	1/16" ID	Threaded	Nickel Plated Brass
E-F-2EB1U-B-E-PB-N	1/16" ID	Threaded	Brass
E-F-3EB1U-B-E-316-N	3/32" ID	Threaded	316 Stainless Steel
E-F-3EB1U-B-E-ENP-N	3/32" ID	Threaded	Nickel Plated Brass
E-F-3EB1U-B-E-PB-N	3/32" ID	Threaded	Brass
E-F-4EB1U-B-E-ENP-N	1/8" ID	Threaded	Nickel Plated Brass
E-F-4EB1U-B-E-PB-N	1/8" ID	Threaded	Brass

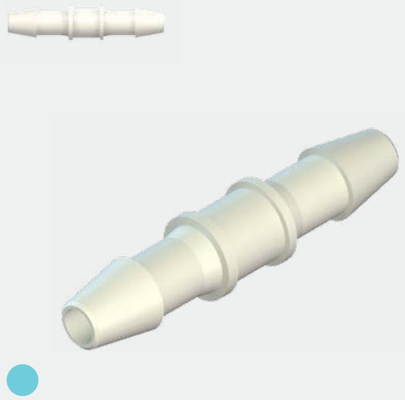
Also available with Viton seal

E-F-210289

White Nylon Equal Straight Connector, 1/8" (3.2mm) ID Tube

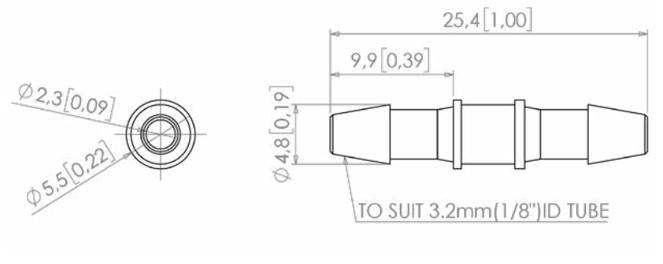
View range

Actual Size



Technical Data

Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Nylon
Non-wetted Materials: Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65
Other Technical Data: Phthalate Free. BPA Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-210288	1/16" ID	In-line	White Nylon
E-F-160186	1/16" ID	In-line	Animal Free Polypropylene
E-F-160187	1/16" ID	In-line	Clear Polycarbonate
E-F-160184	1/16" ID	In-line	White ABS
E-F-210290	3/32" ID	In-line	White Nylon
E-F-160190	3/32" ID	In-line	Animal Free Polypropylene
E-F-160188	3/32" ID	In-line	White ABS
E-F-160193	1/8" ID	In-line	Animal Free Polypropylene
E-F-160191	1/8" ID	In-line	White ABS
E-F-180078	5/32" ID	In-line	Natural Nylon
E-F-180079	5/32" ID	In-line	Animal Free Polypropylene
E-F-190041	5/32" ID	In-line	Clear Copolyester
E-F-180077	5/32" ID	In-line	Kynar
E-F-180075	3/16" ID	In-line	Natural Nylon
E-F-180076	3/16" ID	In-line	Animal Free Polypropylene
E-F-190042	3/16" ID	In-line	Clear Copolyester
E-F-180074	3/16" ID	In-line	Kynar
E-F-180072	1/4" ID	In-line	Natural Nylon
E-F-180073	1/4" ID	In-line	Animal Free Polypropylene
E-F-190043	1/4" ID	In-line	Clear Copolyester
E-F-180071	1/4" ID	In-line	Kynar

E-F-180158

Animal Free Polypropylene Equal Straight Rigid Barb Connector, 1/8" (3.2mm) ID Tube

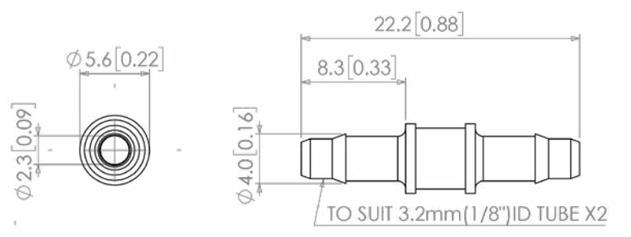
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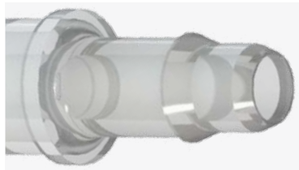
Technical Data

Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Animal Free Polypropylene
Non-wetted Materials: Animal Free Polypropylene
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for USP Class VI, FDA 21 CFR 177.1500, ISO 10993-5, California Prop. 65
Other Technical Data: Animal Derivative Free. Phthalate Free. BPA Free. Latex Free. DEHP Free. Highly compatible with EtO (Ethylene Oxide) sterilisation and compatible with gamma sterilisation in the range of 35-40kGy (higher doses may produce a slight colour shift).



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-210275	1/16" ID	In-line	White Nylon
E-F-160223	1/16" ID	In-line	Animal Free Polypropylene
E-F-160224	1/16" ID	In-line	Kynar
E-F-160226	3/32" ID	In-line	Animal Free Polypropylene
E-F-160227	3/32" ID	In-line	Kynar
E-F-180156	1/8" ID	In-line	Kynar



Rigid Barbs

The rigid barb offers a smaller barb outside diameter. This results in easier tube assembly when working with rigid tubing.

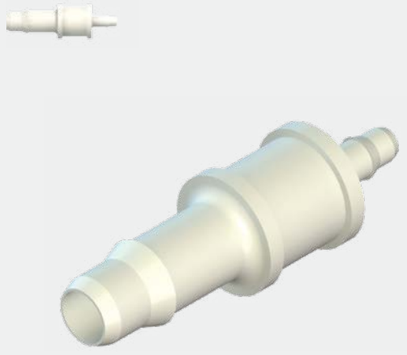
Contact: +44 (0)23 9226 6031 | sales@westgroup.co.uk | westgroup.co.uk

E-F-210278

White Nylon Reducing Straight Rigid Barb Connector, 1/8" (3.2mm) ID Tube to 1/16" (1.6mm) ID Tube

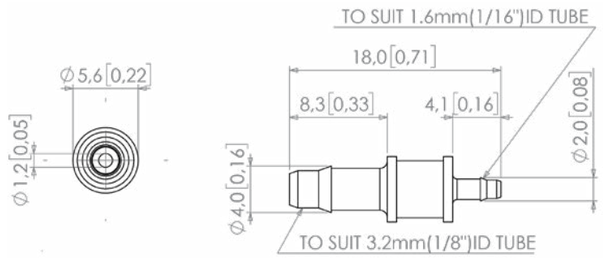
View range

Actual Size



Technical Data

Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 1/16" (1.6mm) ID Tube
Mounting Style: In-line
Wetted Materials: Nylon
Non-wetted Materials: Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65
Other Technical Data: Phthalate Free. Latex Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-210281	3/32" to 1/16" ID	In-line	White Nylon
E-F-160229	3/32" to 1/16" ID	In-line	Animal Free Polypropylene
E-F-160230	3/32" to 1/16" ID	In-line	Kynar
E-F-190060	1/8" to 1/16" ID	In-line	Animal Free Polypropylene
E-F-190061	1/8" to 1/16" ID	In-line	Kynar
E-F-210279	1/8" to 3/32" ID	In-line	White Nylon
E-F-180161	1/8" to 3/32" ID	In-line	Animal Free Polypropylene
E-F-180159	1/8" to 3/32" ID	In-line	Kynar

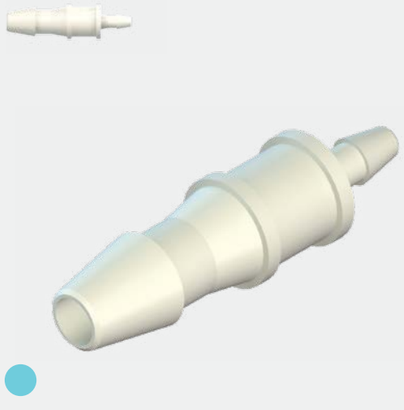
Contact: +44 (0)23 9226 6031 | sales@westgroup.co.uk | westgroup.co.uk

E-F-210268

White Nylon Reducing Straight Connector, 1/8" (3.2mm) ID Tube to 1/16" (1.6mm) ID Tube

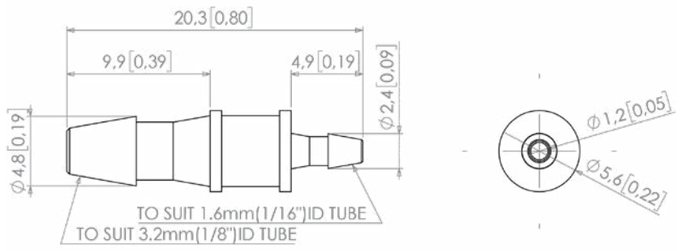
View range

Actual Size



Technical Data

Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 1/16" (1.6mm) ID Tube
Mounting Style: In-line
Wetted Materials: Nylon
Non-wetted Materials: Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65
Other Technical Data: Phthalate Free. BPA Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-210271	3/32" to 1/16" ID	In-line	White Nylon
E-F-160220	3/32" to 1/16" ID	In-line	Animal Free Polypropylene
E-F-160221	3/32" to 1/16" ID	In-line	Kynar
E-F-160214	1/8" to 1/16" ID	In-line	Animal Free Polypropylene
E-F-160215	1/8" to 1/16" ID	In-line	Kynar
E-F-210270	1/8" to 3/32" ID	In-line	White Nylon
E-F-160217	1/8" to 3/32" ID	In-line	Animal Free Polypropylene
E-F-160218	1/8" to 3/32" ID	In-line	Kynar
E-F-180142	3/16" to 3/32" ID	In-line	Animal Free Polypropylene
E-F-180140	3/16" to 3/32" ID	In-line	Kynar
E-F-180144	3/16" to 1/8" ID	In-line	Natural Nylon
E-F-180145	3/16" to 1/8" ID	In-line	Animal Free Polypropylene
E-F-180143	3/16" to 1/8" ID	In-line	Kynar
E-F-180147	3/16" to 5/32" ID	In-line	Natural Nylon
E-F-180125	3/16" to 5/32" ID	In-line	Animal Free Polypropylene
E-F-180146	3/16" to 5/32" ID	In-line	Kynar
E-F-180149	1/4" to 1/8" ID	In-line	Natural Nylon
E-F-180150	1/4" to 1/8" ID	In-line	Animal Free Polypropylene
E-F-180148	1/4" to 1/8" ID	In-line	Kynar

More sizes and materials available online

E-F-210292

White Nylon Equal Elbow Connector, 1/8" (3.2mm) ID Tube

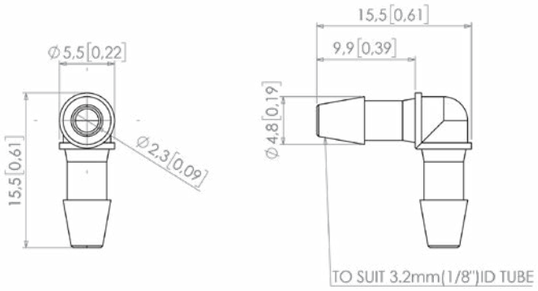
View range

Actual Size



Technical Data

Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Nylon
Non-wetted Materials: Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65
Other Technical Data: Phthalate Free. BPA Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



More from this range

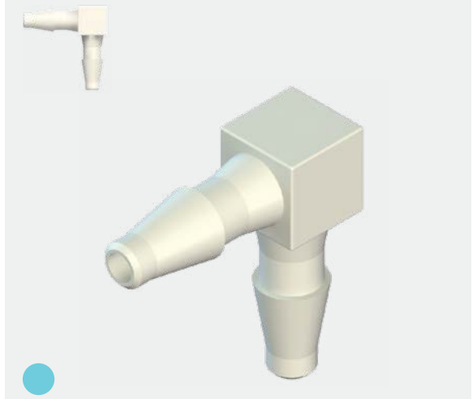
PART NUMBER	SIZE	STYLE	MATERIAL
E-F-210291	1/16" ID	In-line	White Nylon
E-F-160196	1/16" ID	In-line	Animal Free Polypropylene
E-F-160194	1/16" ID	In-line	White ABS
E-F-160198	3/32" ID	In-line	White ABS
E-F-160203	1/8" ID	In-line	Animal Free Polypropylene
E-F-160201	1/8" ID	In-line	White ABS
E-F-180086	5/32" ID	In-line	Natural Nylon
E-F-180087	5/32" ID	In-line	Animal Free Polypropylene
E-F-190044	5/32" ID	In-line	Clear Copolyester
E-F-180085	5/32" ID	In-line	Kynar
E-F-180083	3/16" ID	In-line	Natural Nylon
E-F-180084	3/16" ID	In-line	Animal Free Polypropylene
E-F-190045	3/16" ID	In-line	Clear Copolyester
E-F-180082	3/16" ID	In-line	Kynar
E-F-180131	1/4" ID	In-line	Natural Nylon
E-F-180081	1/4" ID	In-line	Animal Free Polypropylene
E-F-190046	1/4" ID	In-line	Clear Copolyester
E-F-180080	1/4" ID	In-line	Kynar

E-F-210297

White Nylon Equal Elbow Connector (Square Grip Body), 3/32" (2.4mm) ID Tube

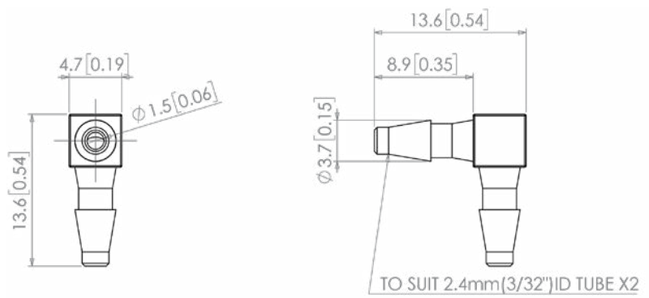
View range

Actual Size



Technical Data

Connections: 3/32" (2.4mm) ID Tube
Mounting Style: In-line
Wetted Materials: Nylon
Non-wetted Materials: Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65
Other Technical Data: Phthalate Free. BPA Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



Also available:
E-F-160233 - 3/32" Kynar

Manufacturing Solutions



TWG provides precision manufacturing solutions to meet your exact requirements.

- Injection moulding
- CNC manufacturing
- 3D, pad and laser printing

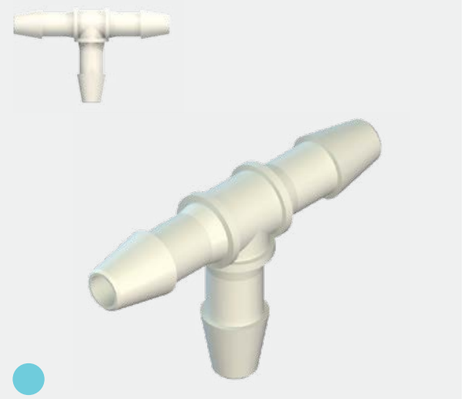
Scan the QR code to contact us for more information.

E-F-210295

White Nylon Equal Tee Connector, 1/8" (3.2mm) ID Tube

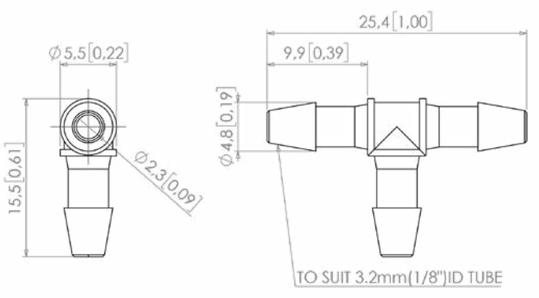
View range

Actual Size



Technical Data

Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Nylon
Non-wetted Materials: Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65
Other Technical Data: Phthalate Free. BPA Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-210294	1/16" ID	In-line	White Nylon
E-F-160205	1/16" ID	In-line	Animal Free Polypropylene
E-F-160204	1/16" ID	In-line	White ABS
E-F-180049	1/16" ID	In-line	Kynar
E-F-210296	3/32" ID	In-line	White Nylon
E-F-160208	3/32" ID	In-line	Animal Free Polypropylene
E-F-160206	3/32" ID	In-line	White ABS
E-F-160211	1/8" ID	In-line	Animal Free Polypropylene
E-F-190047	1/8" ID	In-line	Clear Copolyester
E-F-160209	1/8" ID	In-line	White ABS
E-F-160212	1/8" ID	In-line	Kynar
E-F-180095	5/32" ID	In-line	Natural Nylon
E-F-180096	5/32" ID	In-line	Animal Free Polypropylene
E-F-190048	5/32" ID	In-line	Clear Copolyester
E-F-180094	5/32" ID	In-line	Kynar
E-F-180092	3/16" ID	In-line	Natural Nylon
E-F-180093	3/16" ID	In-line	Animal Free Polypropylene
E-F-190049	3/16" ID	In-line	Clear Copolyester
E-F-180091	3/16" ID	In-line	Kynar

More sizes and materials available online

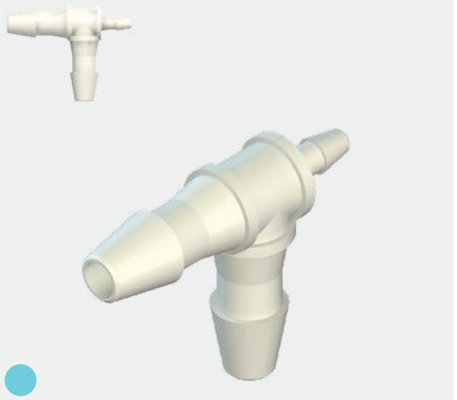
Contact: +44 (0)23 9226 6031 | sales@westgroup.co.uk | westgroup.co.uk

E-F-210311

White Nylon Reducing Run Tee Connector, 1/8" (3.2mm) ID Tube to 1/16" (1.6mm) ID Tube

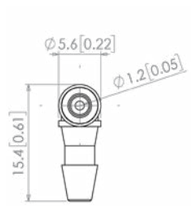
View range

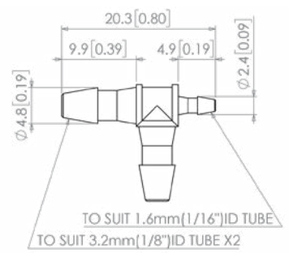
Actual Size



Technical Data

Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 1/8" (3.2mm) ID Tube
Connection 3: 1/16" (1.6mm) ID Tube
Mounting Style: In-line
Wetted Materials: Nylon
Non-wetted Materials: Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65
Other Technical Data: Phthalate Free. BPA Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.





More from this range

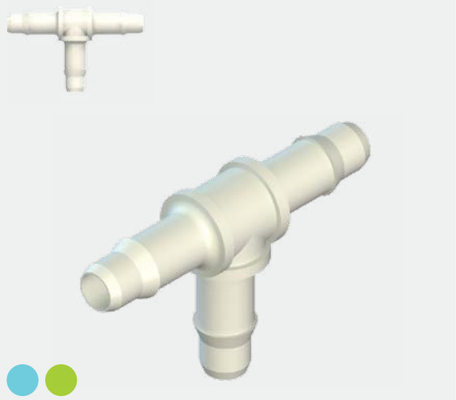
PART NUMBER	SIZE	STYLE	MATERIAL
E-F-160244	1/8" to 1/16" ID	In-line	Animal Free Polypropylene
E-F-160245	1/8" to 1/16" ID	In-line	Kynar
E-F-210312	1/8" to 3/32" ID	In-line	White Nylon
E-F-160241	1/8" to 3/32" ID	In-line	Animal Free Polypropylene
E-F-160242	1/8" to 3/32" ID	In-line	Kynar

E-F-210317

White Nylon Equal Tee Rigid Barb Connector, 1/8" (3.2mm) ID Tube

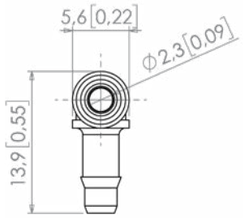
View range

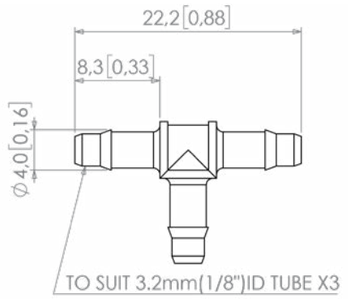
Actual Size



Technical Data

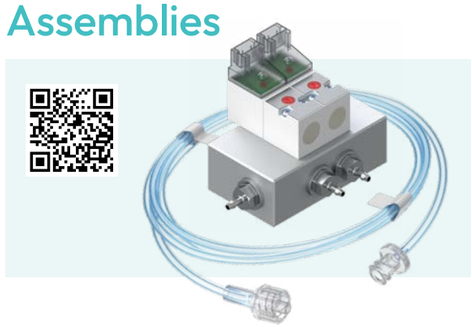
Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Nylon
Non-wetted Materials: Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65
Other Technical Data: Phthalate Free. BPA Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.





Also available:
E-F-180180 - 1/8" Animal Free Polypropylene

Tube and Manifold Assemblies



We are a specialist supplier of precision manifold and tube assemblies, offering complete design, prototyping and manufacturing services for machined and 3D-printed manifolds in both metal and plastic.

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E-F-210309

White Nylon Reducing Tee Connector, 1/8" (3.2mm) ID Tube to 1/16" (1.6mm) ID Tube

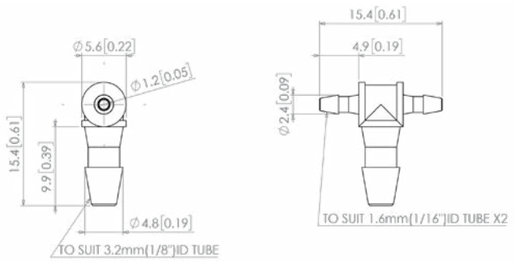
View range

Actual Size



Technical Data

Connection 1: 1/16" (1.6mm) ID Tube
Connection 2: 1/16" (1.6mm) ID Tube
Connection 3: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Nylon
Non-wetted Materials: Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65
Other Technical Data: Phthalate Free. BPA Free. DEHP Free. Ozone depleting substances compliant. White Nylon reducing tee connector with 1/8" barbed leg and 1/16" barbs.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-190052	1/16" Barbed Leg to 1/8" Barbs	In-line	Animal Free Polypropylene
E-F-190053	1/16" Barbed Leg to 1/8" Barbs	In-line	Kynar
E-F-190055	3/32" Barbed Leg to 1/8" Barbs	In-line	Animal Free Polypropylene
E-F-190056	3/32" Barbed Leg to 1/8" Barbs	In-line	Kynar
E-F-180165	3/32" Barbed Leg to 1/4" Barbs	In-line	Natural Nylon
E-F-180166	3/32" Barbed Leg to 1/4" Barbs	In-line	Animal Free Polypropylene
E-F-180164	3/32" Barbed Leg to 1/4" Barbs	In-line	Kynar
E-F-160238	1/8" Barbed Leg to 1/16" Barbs	In-line	Animal Free Polypropylene
E-F-160239	1/8" Barbed Leg to 1/16" Barbs	In-line	Kynar
E-F-180168	1/8" Barbed Leg to 1/4" Barbs	In-line	Natural Nylon
E-F-180169	1/8" Barbed Leg to 1/4" Barbs	In-line	Animal Free Polypropylene
E-F-180167	1/8" Barbed Leg to 1/4" Barbs	In-line	Kynar
E-F-180171	3/16" Barbed Leg to 1/4" Barbs	In-line	Natural Nylon
E-F-180172	3/16" Barbed Leg to 1/4" Barbs	In-line	Animal Free Polypropylene
E-F-180170	3/16" Barbed Leg to 1/4" Barbs	In-line	Kynar

E-F-171513

Natural Nylon Equal Y Connector, 1/8" (3.2mm) ID Tube

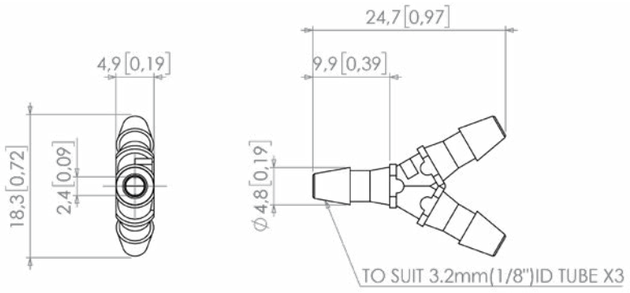
View range

Actual Size



Technical Data

Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Nylon
Non-wetted Materials: Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65
Other Technical Data: Phthalate Free. BPA Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-180173	1/16" ID	In-line	Natural Nylon
E-F-180175	1/16" ID	In-line	Animal Free Polypropylene
E-F-180048	1/16" ID	In-line	Kynar
E-F-180177	3/32" ID	In-line	Natural Nylon
E-F-180098	3/32" ID	In-line	Animal Free Polypropylene
E-F-180176	3/32" ID	In-line	Kynar
E-F-171456	1/8" ID	In-line	Animal Free Polypropylene
E-F-180025	1/8" ID	In-line	Kynar
E-F-170562	5/32" ID	In-line	Natural Nylon
E-F-170564	5/32" ID	In-line	Animal Free Polypropylene
E-F-170565	5/32" ID	In-line	Kynar
E-F-170566	3/16" ID	In-line	Natural Nylon
E-F-170568	3/16" ID	In-line	Animal Free Polypropylene
E-F-170569	3/16" ID	In-line	Kynar
E-F-210430	1/4" ID	In-line	Animal Free Polypropylene
E-F-210429	1/4" ID	In-line	Kynar

E-F-170655

Clear Polypropylene Swivel Straight Multi Barb Adaptor (Undercut with O-ring Seal), EPDM Seal, 1/8" (3.2mm) ID Tube to 10-32 UNF Male Thread

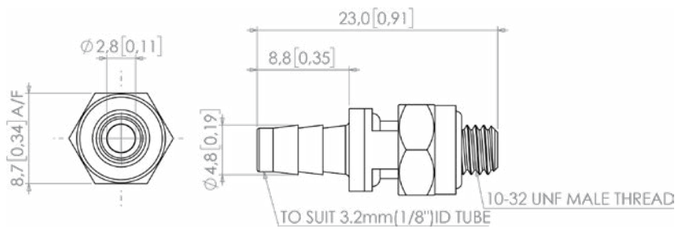
View range

Actual Size



Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 10-32 UNF Male Thread
Mounting Style: Threaded
Wetted Materials: Polypropylene, EPDM
Non-wetted Materials: Polypropylene
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: Suitable for compressed air and vacuum. The unique design of the swivel fitting allows the barb to swivel 360° in the threaded base. The 10-32 UNF threads are self-sealing and do not require a gasket. Barbs are available for 1/16", 3/32", 1/8" and .170" ID flexible tubing.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-170651	1/16" to 10-32 UNF	Threaded	Clear Polypropylene - EDPM Seal
E-F-170650	1/16" to 10-32 UNF	Threaded	Black Nylon - Buna-N Seal
E-F-170653	3/32" to 10-32 UNF	Threaded	Clear Polypropylene - EDPM Seal
E-F-170652	3/32" to 10-32 UNF	Threaded	Black Nylon - Buna-N Seal
E-F-170654	1/8" to 10-32 UNF	Threaded	Black Nylon - Buna-N Seal
E-F-170657	.170" to 10-32 UNF	Threaded	Clear Polypropylene - EDPM Seal
E-F-170656	.170" to 10-32 UNF	Threaded	Black Nylon - Buna-N Seal

Without O-ring Seal

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-170641	1/16" to 10-32 UNF	Threaded	Black Nylon
E-F-170642	3/32" to 10-32 UNF	Threaded	Black Nylon
E-F-170643	1/8" to 10-32 UNF	Threaded	Black Nylon
E-F-170644	1/16" to 1/8-27 NPT	Threaded	Black Nylon
E-F-170645	3/32" to 1/8-27 NPT	Threaded	Black Nylon
E-F-170646	1/8" to 1/8-27 NPT	Threaded	Black Nylon

E-F-170672

Clear Polypropylene Swivel Elbow Multi Barb Adaptor (Undercut with O-ring Seal), EPDM Seal, 1/8" (3.2mm) ID Tube to 10-32 UNF Male Thread

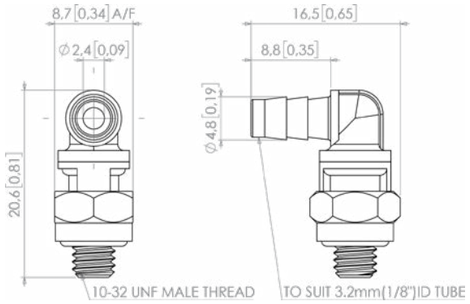
View range

Actual Size



Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 10-32 UNF Male Thread
Mounting Style: Threaded
Wetted Materials: Polypropylene, EPDM
Non-wetted Materials: Polypropylene
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: Suitable for compressed air and vacuum. A clear Polypropylene swivel elbow adaptor undercuted with O-ring, EPDM seal, 10-32 UNF male thread and multi barb to suit 1/8" (3.2mm) ID tube.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-170668	1/16" to 10-32 UNF	Threaded	Clear Polypropylene - EDPM Seal
E-F-170667	1/16" to 10-32 UNF	Threaded	Black Nylon - Buna-N Seal
E-F-170670	3/32" to 10-32 UNF	Threaded	Clear Polypropylene - EDPM Seal
E-F-170669	3/32" to 10-32 UNF	Threaded	Black Nylon - Buna-N Seal
E-F-170671	1/8" to 10-32 UNF	Threaded	Black Nylon - Buna-N Seal
E-F-170674	.170" to 10-32 UNF	Threaded	Clear Polypropylene - EDPM Seal
E-F-170673	.170" to 10-32 UNF	Threaded	Black Nylon - Buna-N Seal

Without O-ring Seal

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-170658	1/16" to 10-32 UNF	Threaded	Black Nylon
E-F-170659	3/32" to 10-32 UNF	Threaded	Black Nylon
E-F-170660	1/8" to 10-32 UNF	Threaded	Black Nylon
E-F-170661	1/16" to 1/8-27 NPT	Threaded	Black Nylon
E-F-170662	3/32" to 1/8-27 NPT	Threaded	Black Nylon
E-F-170663	1/8" to 1/8-27 NPT	Threaded	Black Nylon

E-F-170689

Clear Polypropylene Swivel Tee Multi Barb Adaptor (Undercut with O-ring Seal), EPDM Seal, 1/8" (3.2mm) ID Tube to 10-32 UNF Male Thread

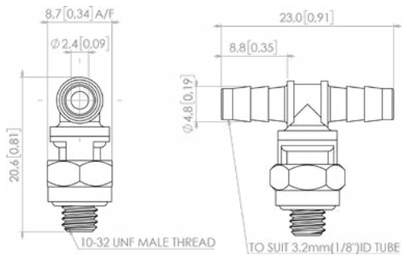
View range

Actual Size



Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 1/8" (3.2mm) ID Tube
Connection 3: 10-32 UNF Male Thread
Mounting Style: Threaded
Wetted Materials: Polypropylene, EPDM
Non-wetted Materials: Polypropylene
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: Suitable for compressed air and vacuum. The unique design of the swivel fitting allows the barb to swivel 360° in the threaded base. The 10-32 UNF threads are self-sealing and do not require a gasket. Barbs are available for 1/16", 3/32", 1/8" and .170" ID flexible tubing.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-170685	1/16" to 10-32 UNF	Threaded	Clear Polypropylene - EDPM Seal
E-F-170684	1/16" to 10-32 UNF	Threaded	Black Nylon - Buna-N Seal
E-F-170687	3/32" to 10-32 UNF	Threaded	Clear Polypropylene - EDPM Seal
E-F-170686	3/32" to 10-32 UNF	Threaded	Black Nylon - Buna-N Seal
E-F-170688	1/8" to 10-32 UNF	Threaded	Black Nylon - Buna-N Seal
E-F-170691	.170" to 10-32 UNF	Threaded	Clear Polypropylene - EDPM Seal
E-F-170690	.170" to 10-32 UNF	Threaded	Black Nylon - Buna-N Seal

Without O-ring Seal

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-170675	1/16" to 10-32 UNF	Threaded	Black Nylon
E-F-170678	1/16" to 1/8-27 NPT	Threaded	Black Nylon
E-F-170676	3/32" to 10-32 UNF	Threaded	Black Nylon
E-F-170679	3/32" to 1/8-27 NPT	Threaded	Black Nylon
E-F-170677	1/8" to 10-32 UNF	Threaded	Black Nylon
E-F-170680	1/8" to 1/8-27 NPT	Threaded	Black Nylon

E-F-230096

Nickel Plated Brass Straight Threaded Adaptor, Buna-N (Nitrile), 10-32 UNF Male Thread to 1/8" (3.2mm) ID Tube

View range

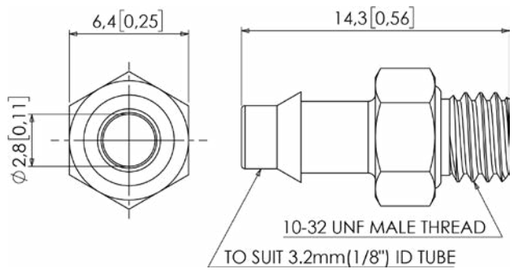
Actual Size



Technical Data

Max. Inlet Pressure: 10.34 bar (150 psi)
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 10-32 UNF Male Thread
Mounting Style: Threaded
Wetted Materials: Nickel Plated Brass, Buna-N
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: 0 to 60°C (32 to 140°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: Compatible with pneumatic applications. The product is designed for use with flexible tube made with Nylon, Polyurethane, Polyethylene or Polypropylene.

Also available:
E-F-220213 - 1/16" ID

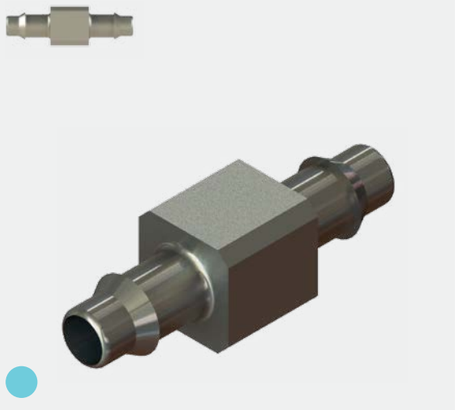


E-F-210439

Nickel Plated Brass Equal Straight Connector, 1/8" (3.2mm) ID Tube

View range

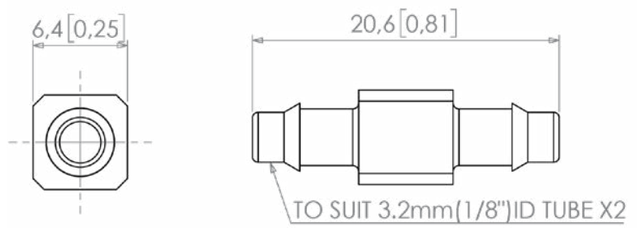
Actual Size



Technical Data

Max. Inlet Pressure: 10.34 bar (150 psi)
Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Nickel Plated Brass
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: 0 to 60°C (32 to 140°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: Compatible with pneumatic applications. The product is designed for use with flexible tube made with Nylon, Polyurethane, Polyethylene or Polypropylene.

Also available:
E-F-210438 - 1/16" ID



E-F-210443

Nickel Plated Brass Equal Cross Connector, 1/8" (3.2mm) ID Tube

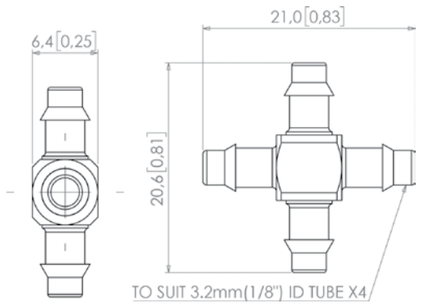
View range

Actual Size



Technical Data

Max. Inlet Pressure: 10.34 bar (150 psi)
Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Nickel Plated Brass
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: 0 to 60°C (32 to 140°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: Compatible with pneumatic applications. The product is designed for use with flexible tube made with Nylon, Polyurethane, Polyethylene or Polypropylene.



Also available:
E-F-210442 - 1/16" ID

E-F-200039

Nickel Plated Brass Swivel Elbow Adaptor, Buna-N (Nitrile) Seal, 10-32 UNF Male Thread to 1/8" (3.2mm) ID Tube

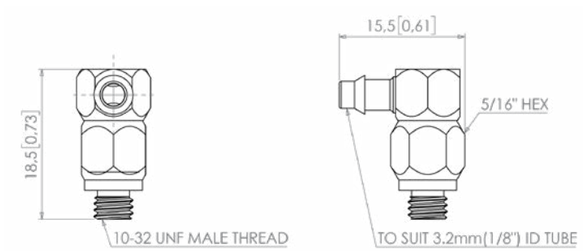
View range

Actual Size



Technical Data

Max. Inlet Pressure: 10.34 bar (150 psi)
Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Nickel Plated Brass
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: 0 to 60°C (32 to 140°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: Compatible with pneumatic applications. The product is designed for use with flexible tube made with Nylon, Polyurethane, Polyethylene or Polypropylene.



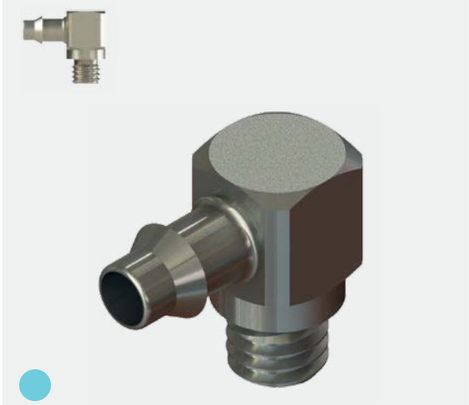
Also available:
E-F-210452 - 1/16" ID

E-F-210445

Nickel Plated Brass Elbow Threaded Adaptor, Buna-N (Nitrile) 10-32 UNF Male Thread to 1/8" (3.2mm) ID Tube

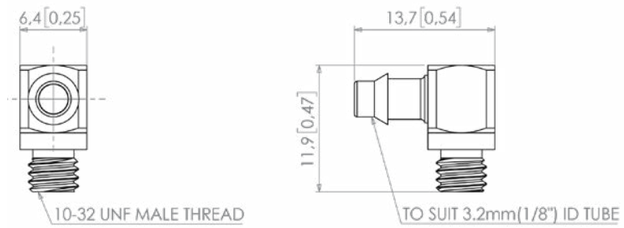
View range

Actual Size



Technical Data

Max. Inlet Pressure: 10.34 bar (150 psi)
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 10-32 UNF Male Thread
Mounting Style: Threaded
Wetted Materials: Nickel Plated Brass, Buna-N (Nitrile)
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: 0 to 60°C (32 to 140°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: Compatible with pneumatic applications. The product is designed for use with flexible tube made with Nylon, Polyurethane, Polyethylene or Polypropylene.



Also available:
E-F-210444 - 1/16" ID

E-F-210441

Nickel Plated Brass Equal Tee Connector, 1/8" (3.2mm) ID Tube

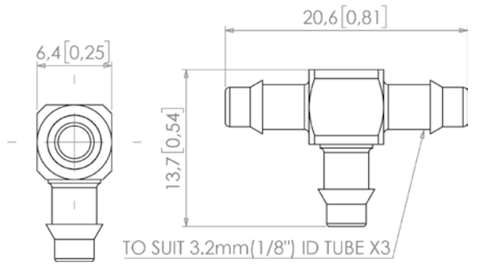
View range

Actual Size



Technical Data

Max. Inlet Pressure: 10.34 bar (150 psi)
Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Nickel Plated Brass
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: 0 to 60°C (32 to 140°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: Compatible with pneumatic applications. The product is designed for use with flexible tube made with Nylon, Polyurethane, Polyethylene or Polypropylene.



Also available:
E-F-210440 - 1/16" ID

E-F-210451

Nickel Plated Brass Positionable Tee Threaded Adaptor, Buna-N (Nitrile) Seal, 10-32 UNF Male Thread to 1/8" (3.2mm) ID Tube

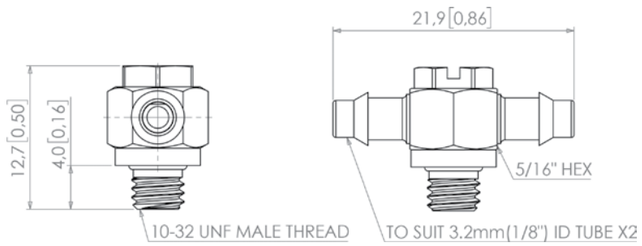
View range

Actual Size



Technical Data

Max. Inlet Pressure: 10.34 bar (150 psi)
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 10-32 UNF Male Thread
Connection 3: 1/8" (3.2mm) ID Tube
Mounting Style: Threaded
Wetted Materials: Nickel Plated Brass, Buna-N (Nitrile)
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: 0 to 60°C (32 to 140°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: Compatible with pneumatic applications. The product is designed for use with flexible tube made with Nylon, Polyurethane, Polyethylene or Polypropylene.



Also available:
E-F-210450 - 1/16" ID

E-F-210454

Nickel Plated Brass Swivel Tee Adaptor, Buna-N (Nitrile) Seal, 10-32 UNF Male Thread to 1/8" (3.2mm) ID Tube

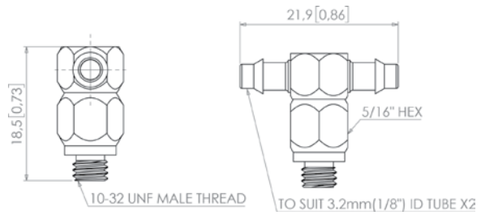
View range

Actual Size



Technical Data

Max. Inlet Pressure: 10.34 bar (150 psi)
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 10-32 UNF Male Thread
Connection 3: 1/8" (3.2mm) ID Tube
Mounting Style: Threaded
Wetted Materials: Nickel Plated Brass, Buna-N (Nitrile)
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: 0 to 60°C (32 to 140°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: Compatible with pneumatic applications. The product is designed for use with flexible tube made with Nylon, Polyurethane, Polyethylene or Polypropylene.



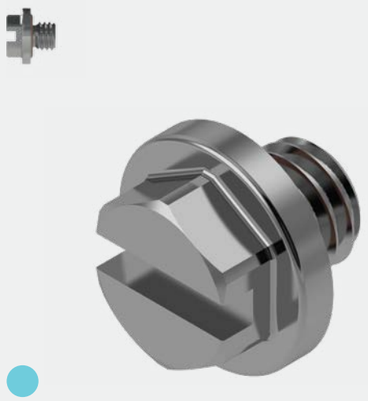
Also available:
E-F-210453 - 1/16" ID

E-F-1U-PG-316-V

316 Stainless Steel Blanking Plug, Viton (FKM) Seal, 10-32 UNF Male Thread

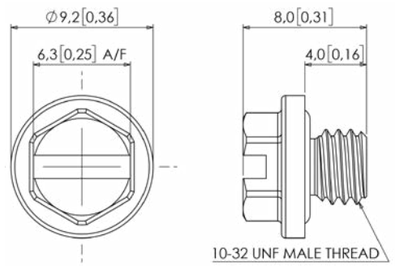
View range

Actual Size



Technical Data

Connection 1: None - Closed End
Connection 2: 10-32 UNF Male Thread
Mounting Style: Threaded
Wetted Materials: 316 Stainless Steel, Viton (FKM)
Non-wetted Materials: 316 Stainless Steel
Media/Ambient Temperature: -15 to 200°C (5 to 392°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: A blanking plug with a 316 Stainless Steel body, featuring a 10-32 UNF male thread and Viton (FKM) O-ring seal for secure sealing. O-rings are available in multiple materials, including EPDM, Buna-N (Nitrile), Silicone, and Viton (FKM).



More from this range

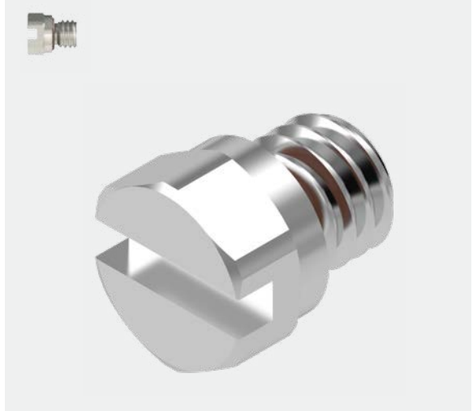
PART NUMBER	SIZE	STYLE	MATERIAL
E-F-1U-PG-316-S	10-32 UNF Male Thread	Threaded	316 Stainless Steel - Viton Seal
E-F-1U-PG-316-E	10-32 UNF Male Thread - 1/4" Hex	Threaded	316 Stainless Steel - EPDM Seal
E-F-1U-PG-316-N	10-32 UNF Male Thread - 1/4" Hex	Threaded	316 Stainless Steel - Buna-N Seal

E-F-1U-PG-ENP-V

Nickel Plated Brass Blanking Plug, Viton (FKM) Seal, 10-32 UNF Male Thread

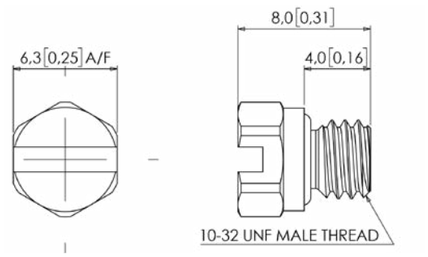
View range

Actual Size



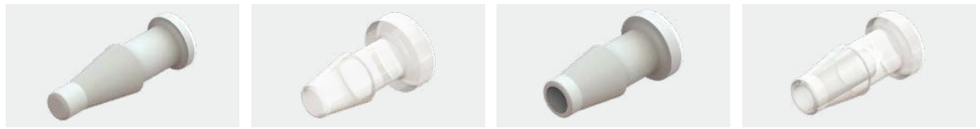
Technical Data

Connection 1: None - Closed End
Connection 2: 10-32 UNF Male Thread
Mounting Style: Threaded
Wetted Materials: Nickel Plated Brass, Viton (FKM)
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: -15 to 200°C (5 to 392°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: This blanking plug features an undercut groove for the O-ring, ensuring a secure, leak proof fit that maintains integrity even in high pressure or high vibration situations. The Nickel Plated Brass body offers excellent corrosion resistance, while the Viton (FKM) O-ring withstands a wide range of chemicals, including oils, fuels, acids, and solvents.



Also available:
E-F-1U-PG-ENP-E - EPDM Seal

Plugs and Accessories



View our full range of accessories online

E-F-170609

Black Nylon Equal Straight Panel Mount Multi Barb Connector, 1/8" (3.2mm) ID Tube

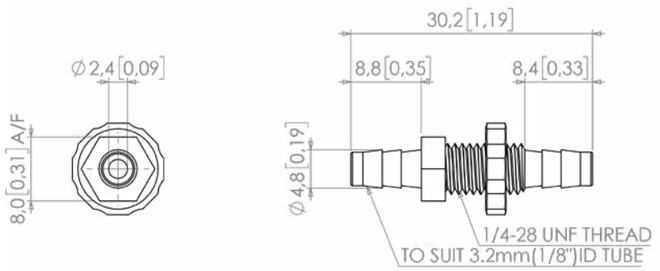
View range

Actual Size



Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Connections: 1/8" (3.2mm) ID Tube
Mounting Style: Panel Mount
Wetted Materials: Nylon
Non-wetted Materials: Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: A Black Nylon equal panel mount connector with barbed ports for 1/8" (3.2mm) ID flexible tubing and a 1/4-28 UNF panel mounting thread complete with lock nut. Suitable for compressed air and vacuum.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-170607	1/16" ID	Panel Mount	Black Nylon
E-F-170611	.170" ID	Panel Mount	Black Nylon

Reducing Straight

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-170603	1/8'' to 1/16" ID	Panel Mount	Black Nylon
E-F-170605	.170" to 1/8 ID	Panel Mount	Black Nylon
E-F-170601	.170" to 1/16 ID	Panel Mount	Black Nylon

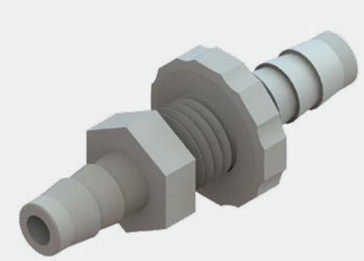
E-F-170610

Grey Polypropylene Equal Straight Panel Mount Multi Barb Connector, 1/8" (3.2mm) ID Tube

View range

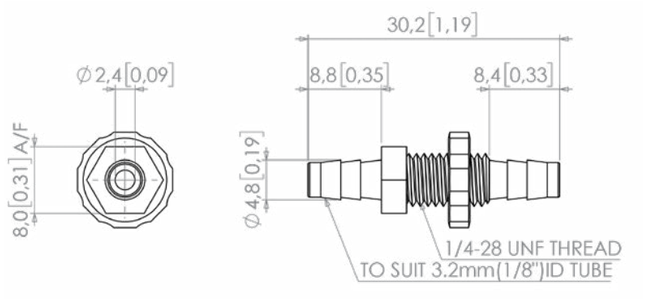
Actual Size





Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Connections: 1/8" (3.2mm) ID Tube
Mounting Style: Panel Mount
Wetted Materials: Polypropylene
Non-wetted Materials: Polypropylene
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: A grey Polypropylene-bodied equal straight panel mount connector with multi barbs to suit 1/8" (3.2mm) ID tube and a 1/4-28 UNF panel mounting thread complete with lock nut Suitable for compressed air and vacuum.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-170608	1/16" ID	Panel Mount	Grey Polypropylene
E-F-170612	.170" ID	Panel Mount	Grey Polypropylene

Reducing Straight

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-170604	1/8'' to 1/16" ID	Panel Mount	Grey Polypropylene
E-F-170606	.170" to 1/8 ID	Panel Mount	Grey Polypropylene
E-F-170602	.170" to 1/16 ID	Panel Mount	Grey Polypropylene

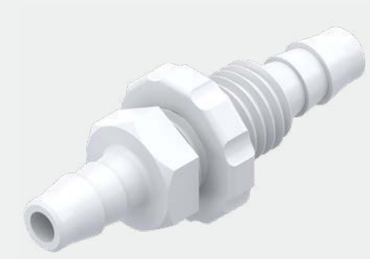
E-F-250115

Kynar Panel Mount Equal Straight Panel Mount Multi Barb Connector, 1/8" (3.2mm) ID

View range

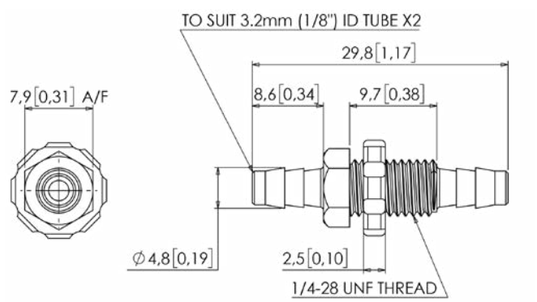
Actual Size





Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Connections: 1/8" (3.2mm) ID Tube
Mounting Style: Panel Mount
Wetted Materials: Kynar
Non-wetted Materials: Kynar
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: A Kynar-bodied equal panel mount connector with barbs to suit 1/8" (3.2mm) ID tube and a 1/4-28 UNF panel mounting thread complete with lock nut. Suitable for compressed air and vacuum.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-250117	1/16" ID	Panel Mount	Kynar
E-F-250118	.170" ID	Panel Mount	Kynar

Reducing Straight

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-250116	1/8'' to 1/16" ID	Panel Mount	Kynar
E-F-250114	.170" to 1/8 ID	Panel Mount	Kynar
E-F-250113	.170" to 1/16 ID	Panel Mount	Kynar

E-F-171369

Nickel Plated Brass Panel Mount Luer, Female Luer Lock to 1/8" (3.2mm) ID Tube

View range

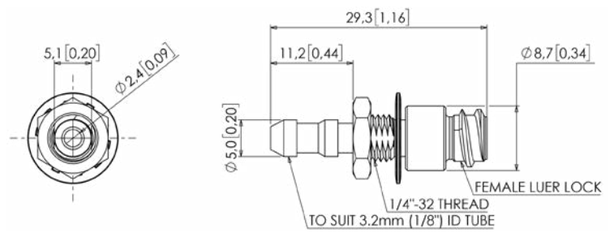
Actual Size





Technical Data

Max. Inlet Pressure: 3.1 bar (45 psi)
Connection 1: Female Luer Lock
Connection 2: 1/8" (3.2mm) ID Tube
Mounting Style: Panel Mount
Wetted Materials: Nickel Plated Brass
Non-wetted Materials: Nickel Plated Brass, 410 Stainless Steel
Media/Ambient Temperature: -40°C to 200°C (-40°F to 392°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Regulatory Information: ISO 594, ISO 80369-7 compatible
Other Technical Data: A Nickel Plated Brass panel mount luer with female luer lock to barb for 1/8" (3.2mm) ID tube with 1/4"-32 thread. Supplied with 410 Stainless Steel 1-1/4" shakeproof internal lock washer and Nickel Plated Brass nut.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-171373	Female Luer Lock to 1/16" ID	Panel Mount	Nickel Plated Brass
E-F-171366	Male Luer Lock to 1/16" ID	Panel Mount	Nickel Plated Brass
E-F-171363	Male Luer Lock to 1/8" ID	Panel Mount	Nickel Plated Brass



ISO 80369-7

Reducing the risk of misconnections

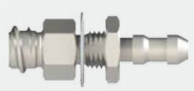
ISO 80369-7 is the standard that defines the dimensions, design and performance testing for luer connectors used in intravascular (IV) and hypodermic medical applications. The ISO 80369 standard was developed to reduce the risk of medical tubing and connector misconnections.

E-F-171407

316 Stainless Steel Panel Mount Luer, Female Luer Lock to 1/8" (3.2mm) ID Tube

View range

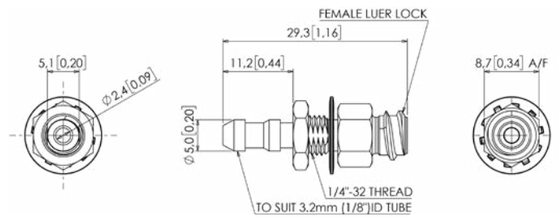
Actual Size





Technical Data

Max. Inlet Pressure: 3.1 bar (45 psi)
Connection 1: Female Luer Lock
Connection 2: 1/8" (3.2mm) ID Tube
Mounting Style: Panel Mount
Wetted Materials: 316 Stainless Steel
Non-wetted Materials: 316 Stainless Steel, 410 Stainless Steel, Nickel Plated Brass
Media/Ambient Temperature: -40°C to 200°C (-40°F to 392°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Regulatory Information: ISO 594, ISO 80369-7 compatible
Other Technical Data: A 316 Stainless Steel panel mount luer with female luer lock to barb for 1/8" (3.2mm) ID tube with 1/4"-32 thread. Suitable for compressed air and vacuum. Includes panel nut and an internal tooth lockwasher.



More from this range

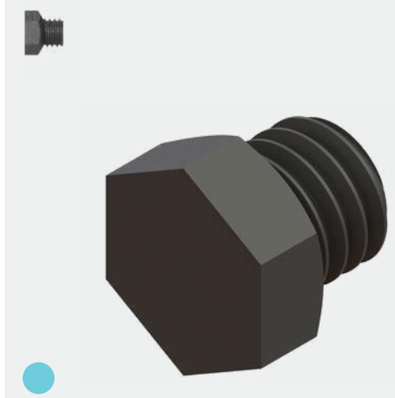
PART NUMBER	SIZE	STYLE	MATERIAL
E-F-171410	Female Luer Lock to 1/16" ID	Panel Mount	316 Stainless Steel
E-F-171441	Male Luer Lock to 1/8" ID	Panel Mount	316 Stainless Steel

E-F-240083

Black Nylon Blanking Plug, M5 Male Thread

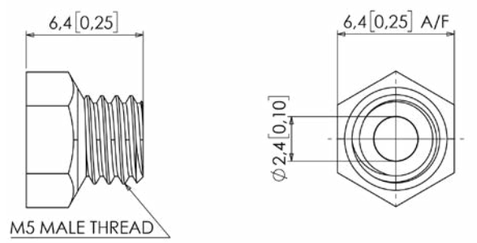
View range

Actual Size



Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Connection 1: None - Closed End
Connection 2: M5 Male Thread
Mounting Style: Threaded
Wetted Materials: Nylon
Non-wetted Materials: Nylon
Media/Ambient Temperature: -17°C to 60°C (0°F to 140°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: A black Nylon body blanking plug with M5 male thread. Ideally for automotive fuel and fluid system, hydraulic and pneumatic systems and appliance components applications.



More from this range

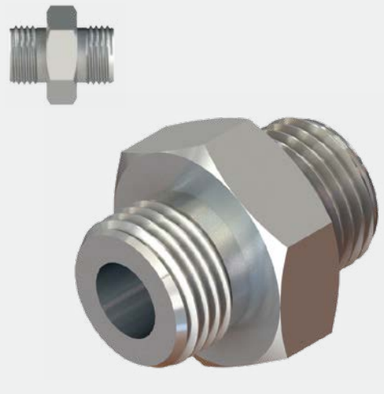
PART NUMBER	SIZE	STYLE	MATERIAL
E-F-240081	M5 Male Thread	Threaded	Kynar
E-F-240082	M5 Male Thread	Threaded	Natural Nylon
E-F-240080	M5 Male Thread	Threaded	Polypropylene
E-F-210110	M6 Male Thread	Threaded	Animal Free Polypropylene
E-F-240086	M6 Male Thread	Threaded	Black Nylon
E-F-240084	M6 Male Thread	Threaded	Kynar
E-F-240085	M6 Male Thread	Threaded	Natural Nylon

E-F-171054

Nickel Plated Brass Straight Adaptor, 1/8" BSPP Male Thread

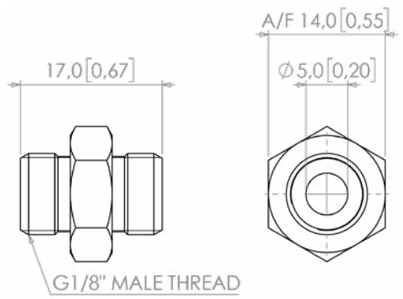
View range

Actual Size



Technical Data

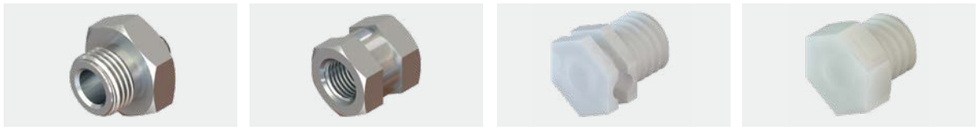
Max. Inlet Pressure: 60 bar (870 psi)
Connections: 1/8" BSPP Male Thread
Mounting Style: Threaded
Wetted Materials: Nickel Plated Brass
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: -40°C to 150°C (-40°F to 302°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: A Nickel Plated Brass-bodied straight adaptor with 1/8" BSPP male thread. Suitable for compressed air and vacuum.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-171061	1/8" BSPP Female Thread	Threaded	Nickel Plated Brass
E-F-171053	1/8" BSPP Male Thread to M5 Male	Threaded	Nickel Plated Brass
E-F-171052	M5 Male Thread	Threaded	Nickel Plated Brass
E-F-171060	M5 Female Thread	Threaded	Nickel Plated Brass

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Explore our full range of threaded adaptors on our website

E-F-210245

White Nylon Luer, 1/16" (1.6mm) ID Tube to Male Luer Lock

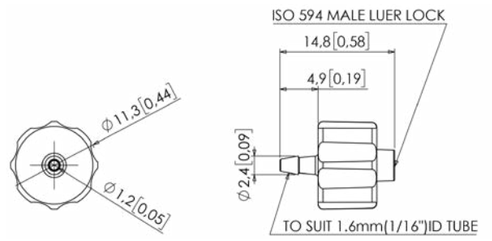
View range

Actual Size



Technical Data

Connection 1: Male Luer Lock
Connection 2: 1/16" (1.6mm) ID Tube
Mounting Style: In-line
Wetted Materials: White Nylon
Non-wetted Materials: White Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65, ISO 594
Other Technical Data: A White Nylon luer with barb for 1/16" (1.6mm) ID tube to male luer lock. Phthalate Free. Latex Free. Phthalate Free. Latex Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-170580	3/32" ID	In-line	Clear ABS
E-F-160083	1/8" ID	In-line	Animal Free Polypropylene
E-F-160088	5/32" ID	In-line	Clear Polycarbonate
E-F-160094	3/16" ID	In-line	Rad Stable Polycarbonate
E-F-160100	1/4" ID	In-line	Kynar

More sizes and materials available online

View all available sizes and materials online



E-F-250057

ISO 80369-2 Clear Acrylic Luer, Female Luer Lock to Male Luer Lock

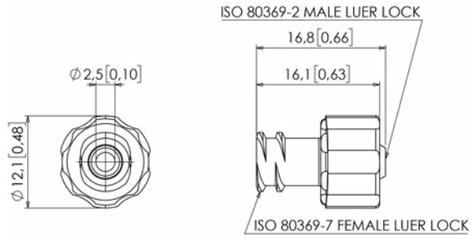
View range

Actual Size



Technical Data

Connection 1: Male Luer Lock
Connection 2: Female Luer Lock
Mounting Style: In-line
Wetted Materials: Acrylic
Non-wetted Materials: Acrylic
RoHS/REACH Compliant: Yes
Regulatory Information: Meets Requirements for USP Class VI, ISO 10993, ISO 80369-2 compatible (Male Luer), ISO 80369-7 compatible (Female Luer)
Cleanroom Manufactured: Class 8 cleanroom
Other Technical Data: This female luer to male luer is designed to meet the ISO 80369-2 standard for respiratory devices. BPA Free. DEHP Free. Phthalate Free. Latex Free. Conflict mineral compliant. This material is compatible with E-beam, gamma and EtO (Ethylene Oxide) sterilisation methods.



E-F-250054

ISO 80369-2 Clear Acrylic Rotating Luer, Female Luer Lock to Male Rotating Luer

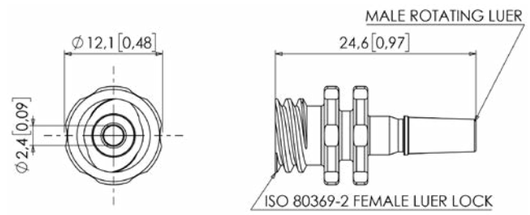
View range

Actual Size



Technical Data

Connection 1: Female Luer Lock
Connection 2: Male Rotating Luer
Mounting Style: In-line
Wetted Materials: Acrylic
Non-wetted Materials: Acrylic
RoHS/REACH Compliant: Yes
Regulatory Information: Meets Requirements for USP Class VI, ISO 10993, ISO 80369-2 compatible
Cleanroom Manufactured: Class 8 cleanroom
Other Technical Data: This female luer to male rotating luer is designed to meet the ISO 80369-2 standard for respiratory devices. BPA Free. DEHP Free. Phthalate Free. Latex Free. Conflict mineral compliant. This material is compatible with E-beam, gamma and EtO (Ethylene Oxide) sterilisation methods.

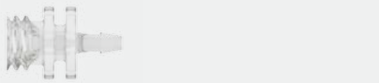


E-F-250058

ISO 80369-2 Clear Acrylic Luer, Female Luer Lock to 3/32" (2.4mm) ID Tube

View range

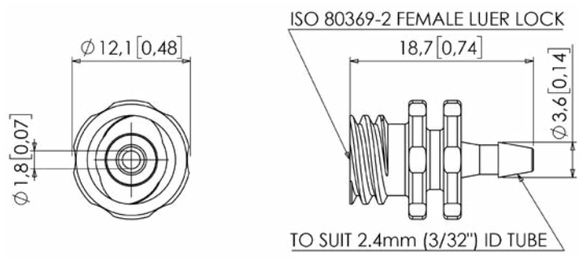
Actual Size

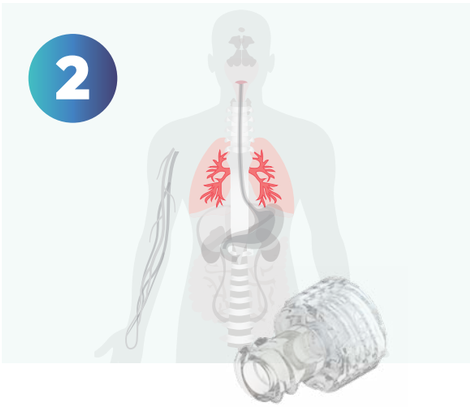




Technical Data

Connection 1: Female Luer Lock
Connection 2: 3/32" (2.4mm) ID Tube
Mounting Style: In-line
Wetted Materials: Acrylic
Non-wetted Materials: Acrylic
RoHS/REACH Compliant: Yes
Regulatory Information: Meets Requirements for USP Class VI, ISO 10993, ISO 80369-2 compatible
Cleanroom Manufactured: Class 8 cleanroom
Other Technical Data: This female luer is designed to meet the ISO 80369-2 standard for respiratory devices. BPA Free. DEHP Free. Phthalate Free. Latex Free. Conflict mineral compliant. This material is compatible with E-beam, gamma and EtO (Ethylene Oxide) sterilisation methods.





ISO 80369-2

Reducing the risk of misconnections

ISO 80369-2 is the standard that defines small-bore connectors for respiratory applications used in medical devices. It was created to ensure respiratory connectors could not be mistakenly connected to devices intended for other clinical uses.

E-F-190021

ISO 80369-7 Clear ABS (MABS) Luer, 1/8" (3.2mm) ID Tube to Male Luer Lock

View range

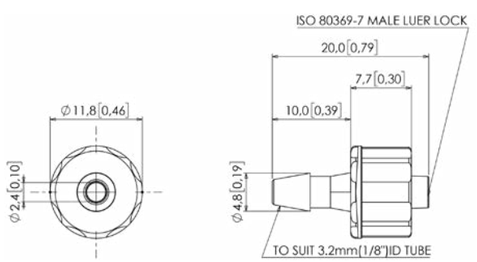
Actual Size





Technical Data

Connection 1: Male Luer Lock
Connection 2: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Clear ABS (MABS)
Non-wetted Materials: Clear ABS (MABS)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for USP Class VI, FDA 21 CFR 181.32. California Prop. 65, ISO 80369-7 compatible
Other Technical Data: A clear ABS (MABS) luer with barb for 1/8" (3.2mm) ID tube to ISO 80369-7 male luer lock. Conflict Mineral Compliant. DEHP Free. Animal Derivative Free. Human Derivative Free. BPA Free. Phthalate Free. Latex Free. Compatible with EtO (Ethylene Oxide) sterilisation methods.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-190007	1/16" ID	In-line	Clear Polycarbonate
E-F-190019	1/16" ID	In-line	Clear ABS (MABS)
E-F-190008	3/32" ID	In-line	Clear Polycarbonate
E-F-190020	3/32" ID	In-line	Clear ABS (MABS)
E-F-190009	1/8" ID	In-line	Clear Polycarbonate
E-F-190022	5/32" ID	In-line	Clear ABS (MABS)
E-F-190010	5/32" ID	In-line	Clear Polycarbonate
E-F-190023	3/16" ID	In-line	Clear ABS (MABS)
E-F-190011	3/16" ID	In-line	Clear Polycarbonate
E-F-190024	1/4" ID	In-line	Clear ABS (MABS)
E-F-190012	1/4" ID	In-line	Clear Polycarbonate

E-F-180204

ISO 80369-7 Clear Acrylic Luer, .100"/.090" Bond-in Port to Male Luer Lock

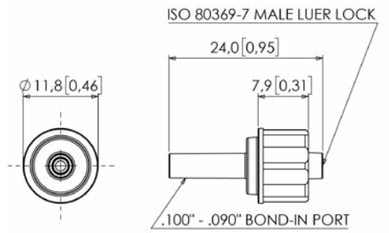
View range

Actual Size



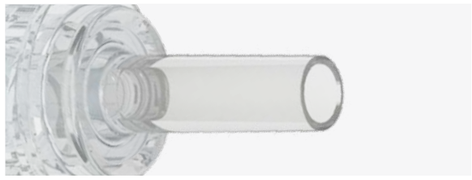
Technical Data

Connection 1: Male Luer Lock
Connection 2: .100"/.090" Bond-In Port
Mounting Style: In-line
Wetted Materials: Clear Acrylic
Non-wetted Materials: Clear Acrylic
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for USP Class VI, ISO 10993, ISO 80369-7 compatible
Other Technical Data: A clear Acrylic luer with .100"/.090" bond-in port to ISO 80369-7 male luer lock. BPA Free. DEHP Free. Phthalate Free. Latex Free. Conflict mineral compliant. This material is compatible with E-beam, gamma and EtO (Ethylene Oxide) sterilisation methods.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-180205	.115"/.105"	In-line	Clear Acrylic
E-F-180206	.134"/.123"	In-line	Clear Acrylic
E-F-180022	.192"/.182"	In-line	Clear Acrylic



Bond-In

Allows tubing to be assembled in the inside or outside of the fitting.

E-F-180005

Natural Nylon High Flow Barb Luer, 1/8" (3.2mm) ID Tube to Male Luer Lock

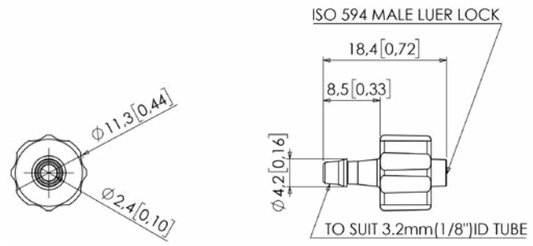
View range

Actual Size



Technical Data

Connection 1: Male Luer Lock
Connection 2: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Natural Nylon
Non-wetted Materials: Natural Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65, ISO 594
Other Technical Data: A Natural Nylon luer with high flow barb for 1/8" (3.2mm) ID tube to male luer lock. Phthalate Free. BPA Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



More from this range

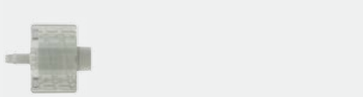
PART NUMBER	SIZE	STYLE	MATERIAL
E-F-160103	1/8" ID	In-line	Animal Free Polypropylene
E-F-160104	1/8" ID	In-line	Clear Polycarbonate
E-F-160106	1/8" ID	In-line	Kynar
E-F-180208	5/32" ID	In-line	Animal Free Polypropylene
E-F-180209	5/32" ID	In-line	Clear Polycarbonate
E-F-180210	5/32" ID	In-line	Rad Stable Polycarbonate
E-F-180211	5/32" ID	In-line	Kynar
E-F-180212	3/16" ID	In-line	Natural Nylon
E-F-180213	3/16" ID	In-line	Animal Free Polypropylene
E-F-180215	3/16" ID	In-line	Kynar
E-F-180216	1/4" ID	In-line	Natural Nylon
E-F-180115	1/4" ID	In-line	Animal Free Polypropylene
E-F-180219	1/4" ID	In-line	Kynar

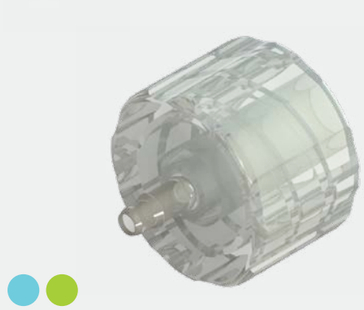
E-F-180221

Natural Nylon Rigid Barb Luer, 1/16" (1.6mm) ID Tube to Male Luer Lock

View range

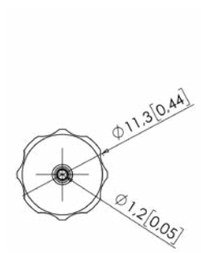
Actual Size

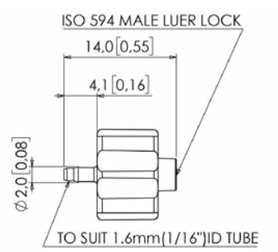




Technical Data

Connection 1: Male Luer Lock
Connection 2: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Natural Nylon
Non-wetted Materials: Natural Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65, ISO 594
Other Technical Data: A Natural Nylon luer with high flow barb for 1/8" (3.2mm) ID tube to male luer lock. Phthalate Free. BPA Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.





More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-180223	1/16" ID	In-line	Animal Free Polypropylene
E-F-180222	1/16" ID	In-line	Clear Polycarbonate
E-F-180220	1/6" ID	In-line	Kynar



High Flow Barbs

High flow designed barbs have a larger through hole to increase flow.

E-F-171439

316 Stainless Steel Luer, Male Luer Lock to 5/32" (4mm) ID Tube

View range

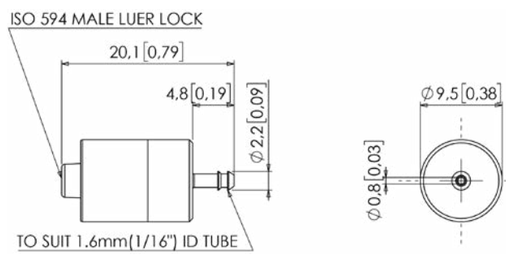
Actual Size





Technical Data

Max. Inlet Pressure: 3.1 bar (45 psi)
Connection 1: Male Luer Lock
Connection 2: 5/32" (4mm) ID Tube
Mounting Style: In-line
Wetted Materials: 316 Stainless Steel
Non-wetted Materials: 316 Stainless Steel
Media/Ambient Temperature: -40°C to 200°C (-40°F to 392°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Regulatory Information: ISO 594, ISO 80369-7 compatible
Other Technical Data: A 316 Stainless Steel-bodied luer with male luer lock to barb for 5/32" (4mm) ID tube. Suitable for compressed air and vacuum. The configurations are available on standard fittings.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-171322	1/16" ID	In-line	Nickel Plated Brass
E-F-171323	3/32" ID	In-line	Nickel Plated Brass
E-F-171325	5/32" ID	In-line	Nickel Plated Brass
E-F-171439	5/32" ID	In-line	Stainless Steel
E-F-171326	5/16" ID	In-line	Nickel Plated Brass
E-F-171440	5/16" ID	In-line	Stainless Steel

E-F-171376

Nickel Plated Brass Luer Coupler, Male Luer Lock

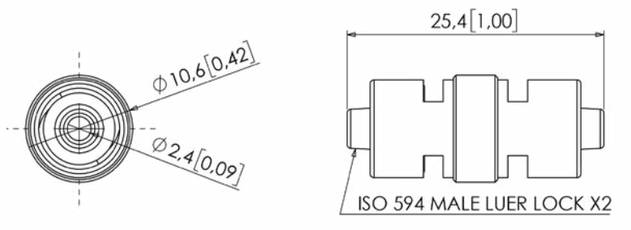
View range

Actual Size



Technical Data

Max. Inlet Pressure: 3.1 bar (45 psi)
Connections: Male Luer Lock
Mounting Style: In-line
Wetted Materials: Nickel Plated Brass, Silicone, 302 Stainless Steel
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: -40°C to 200°C (-40°F to 392°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Regulatory Information: ISO 594, ISO 80369-7 compatible
Other Technical Data: A Nickel Plated Brass-bodied luer coupler with male luer lock. Suitable for compressed air and vacuum.



E-F-171375

Nickel Plated Brass Male Luer Lock to Female Luer Lock Coupler

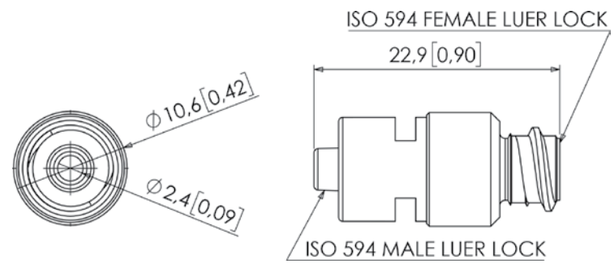
View range

Actual Size



Technical Data

Max. Inlet Pressure: 3.1 bar (45 psi)
Connection 1: Male Luer Lock
Connection 2: Female Luer Lock
Mounting Style: In-line
Wetted Materials: Nickel Plated Brass, Silicone, 302 Stainless Steel
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: -40°C to 200°C (-40°F to 392°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Regulatory Information: ISO 594, ISO 80369-7 compatible
Other Technical Data: A Nickel Plated Brass-bodied luer coupler with male luer lock to female luer lock. Suitable for compressed air and vacuum.



E-F-171390

Nickel Plated Brass Rotating Luer, Male Luer Lock to 1/8" (3.2mm) ID Tube

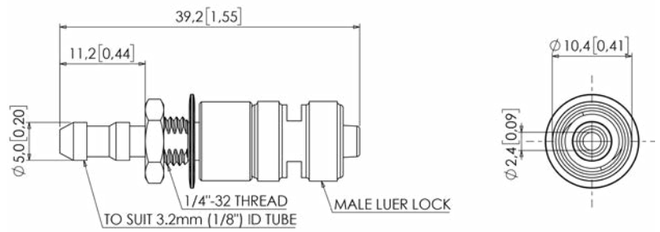
View range

Actual Size



Technical Data

Max. Inlet Pressure: 3.1 bar (45 psi)
Connection 1: Male Luer Lock
Connection 2: 1/8" (3.2mm) ID Tube
Mounting Style: Panel Mount
Wetted Materials: Nickel Plated Brass
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: -40°C to 200°C (-40°F to 392°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Regulatory Information: ISO 594, ISO 80369-7 compatible
Other Technical Data: A Nickel Plated Brass-bodied panel mount rotating luer with male luer lock to barb for 1/8" (3.2mm) ID tube. Suitable for compressed air and vacuum. The configurations are available on standard fittings.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-171391	1/16" ID	Panel Mount	Nickel Plated Brass
E-F-171385	5/32" ID	In-line	Nickel Plated Brass
E-F-171388	Male Luer to 10-32 UNF Female	Threaded	Nickel Plated Brass
E-F-171389	Male Luer to 1/4-28 UNF Male	Threaded	Nickel Plated Brass
E-F-171386	Male Luer to 1/8" NPT Male	Threaded	Nickel Plated Brass
E-F-171387	Male Luer to 10-32 UNF Male	Threaded	Nickel Plated Brass

E-F-171358

Nickel Plated Brass Luer, Male Luer Lock to 1/4-28 UNF Male Thread

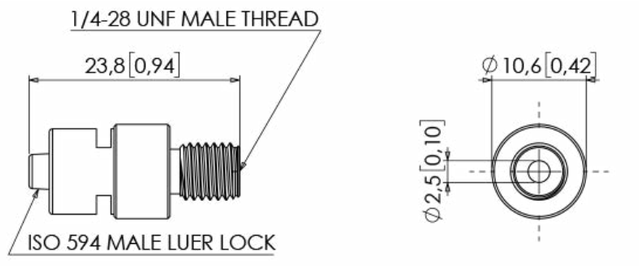
View range

Actual Size



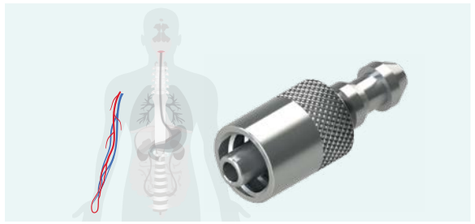
Technical Data

Max. Inlet Pressure: 3.1 bar (45 psi)
Connection 1: Male Luer Lock
Connection 2: 1/4-28 UNF Male Thread
Mounting Style: Threaded
Wetted Materials: Nickel Plated Brass
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: -40°C to 200°C (-40°F to 392°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Regulatory Information: ISO 594, ISO 80369-7 compatible
Other Technical Data: A Nickel Plated Brass luer with male luer lock to 14-28 UNF male thread. Suitable for compressed air and vacuum.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-171360	Male Luer to 1/4-28 UNF Female	Threaded	Nickel Plated Brass
E-F-171349	Male Luer to 10-32 UNF Male	Threaded	Nickel Plated Brass
E-F-171350	Male Luer to 10-32 UNF Female	Threaded	Nickel Plated Brass
E-F-171444	Male Luer to 1/4" NPT Male	Threaded	Nickel Plated Brass
E-F-171446	Male Luer to 10-32 UNF Male	Threaded	Nickel Plated Brass
E-F-171448	Male Luer to 1/4-28 UNF Male	Threaded	Nickel Plated Brass



Did you know?

The ISO 80369 series exists to stop misconnections between different medical lines; part 7 defines the luer, with its 6% taper.

E-F-160143

Lipid Resistant Rad Stable Polycarbonate Rotating Luer With Snap Ring, 1/8" (3.2mm) ID Tube to Male Luer Lock

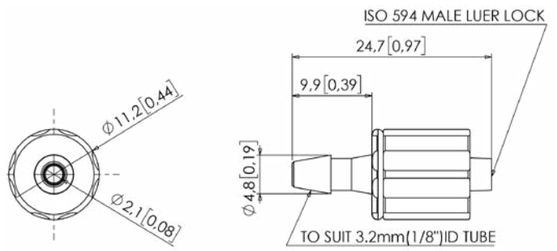
View range

Actual Size



Technical Data

Connection 1: Male Luer Lock
Connection 2: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Lipid Resistant Rad Stable Polycarbonate
Non-wetted Materials: Lipid Resistant Rad Stable Polycarbonate
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for USP Class VI, ISO 594, ISO 10993
Other Technical Data: A Lipid Resistant Radiation Stable Polycarbonate-bodied luer with 1/8" (3.2mm) ID tube to male luer lock complete with snap ring. Conflict Mineral Compliant. DEHP Free. Animal Derivative Free. Human Derivative Free. BPA Free. Phthalate Free. Latex Free.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-160139	1/16" ID	In-line	Lipid Resistant Rad Stable Polycarbonate
E-F-160138	1/16" ID	In-line	Clear ABS
E-F-160141	3/32" ID	In-line	Lipid Resistant Rad Stable Polycarbonate
E-F-160140	1/8" ID	In-line	Clear ABS
E-F-160142	1/8" ID	In-line	Clear ABS
E-F-160145	5/32" ID	In-line	Lipid Resistant Rad Stable Polycarbonate
E-F-160144	5/32" ID	In-line	Clear ABS
E-F-160147	3/16" ID	In-line	Lipid Resistant Rad Stable Polycarbonate
E-F-160146	3/16" ID	In-line	Clear ABS
E-F-160149	1/4" ID	In-line	Lipid Resistant Rad Stable Polycarbonate
E-F-160148	1/4" ID	In-line	Clear ABS

High Flow

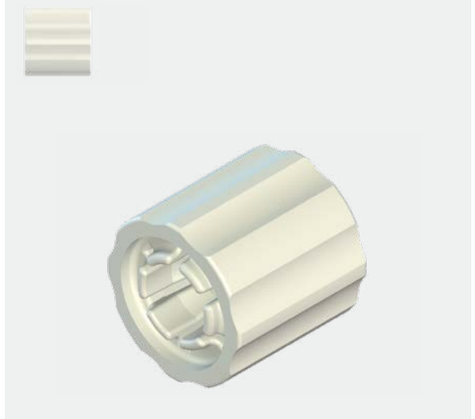
PART NUMBER	SIZE	STYLE	MATERIAL
E-F-180230	5/32" High Flow	In-line	Lipid Resistant Rad Stable Polycarbonate
E-F-180229	5/32" High Flow	In-line	Clear ABS
E-F-180232	3/16" High Flow	In-line	Lipid Resistant Rad Stable Polycarbonate
E-F-180231	3/16" High Flow	In-line	Clear ABS
E-F-180234	1/4" High Flow	In-line	Lipid Resistant Rad Stable Polycarbonate
E-F-180233	1/4" High Flow	In-line	Clear ABS

E-F-210303

White Nylon Rotating Snap Ring

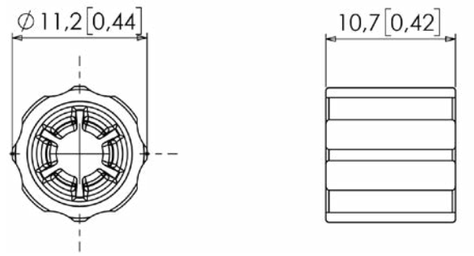
View range

Actual Size



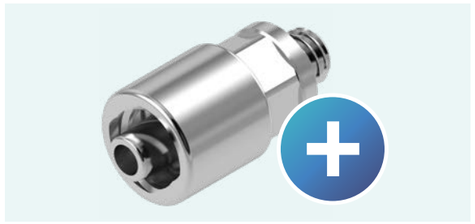
Technical Data

Connection: Male Luer Lock
Mounting Style: In-line
Wetted Materials: White Nylon
Non-wetted Materials: White Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65
Other Technical Data: A White Nylon snap ring used for a rotating male luer. Phthalate Free. Latex Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



More from this range

PART NUMBER	STYLE	MATERIAL
E-F-160128	In-line	Clear ABS
E-F-160132	In-line	Clear Polycarbonate
E-F-160133	In-line	Rad Stable Polycarbonate



Discover what's new

Be the first to discover what's new in fluid control.

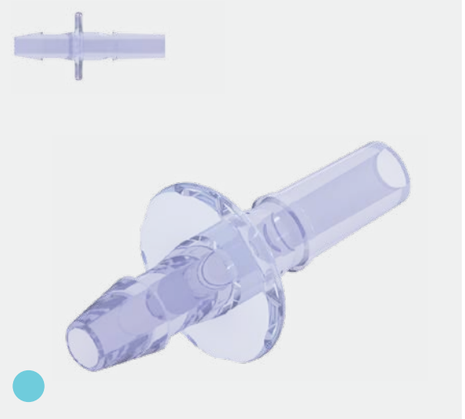
We're continuously expanding our fluid control range. Visit our website regularly to stay up to date with the latest products and innovations.

E-F-160121

Lipid Resistant Rad Stable Polycarbonate Rotating Luer, 1/8" (3.2mm) ID Tube to Male Slip Luer

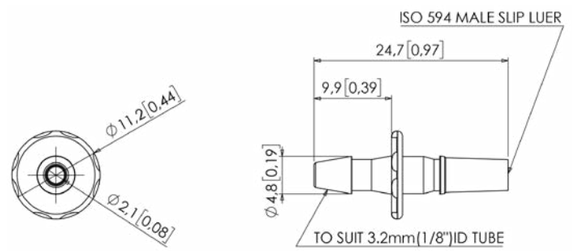
View range

Actual Size



Technical Data

Connection 1: Male Luer Lock
Connection 2: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Lipid Resistant Rad Stable Polycarbonate
Non-wetted Materials: Lipid Resistant Rad Stable Polycarbonate
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for USP Class VI, ISO 594, ISO 10993
Other Technical Data: A Lipid Resistant Radiation Stable Polycarbonate-bodied luer with 1/8" (3.2mm) ID tube to male luer lock complete with snap ring. Conflict Mineral Compliant. DEHP Free. Animal Derivative Free. Human Derivative Free. BPA Free. Phthalate Free. Latex Free.



More from this range

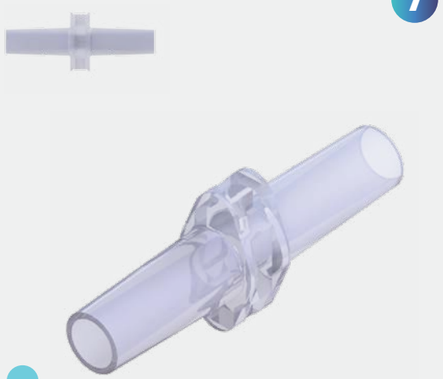
PART NUMBER	SIZE	STYLE	MATERIAL
E-F-160117	1/16" ID	In-line	Rad Stable Polycarbonate
E-F-160116	1/16" ID	In-line	Clear ABS
E-F-160119	3/32" ID	In-line	Rad Stable Polycarbonate
E-F-160118	3/32" ID	In-line	Clear ABS
E-F-160120	1/8" ID	In-line	Clear ABS
E-F-160123	5/32" ID	In-line	Rad Stable Polycarbonate
E-F-160122	5/32" ID	In-line	Clear ABS
E-F-160127	1/4" ID	In-line	Rad Stable Polycarbonate
E-F-160126	1/4" ID	In-line	Clear ABS

E-F-230060

ISO 80369-7 Lipid Resistant Rad Stable Polycarbonate Luer Coupler, Male Slip Luer

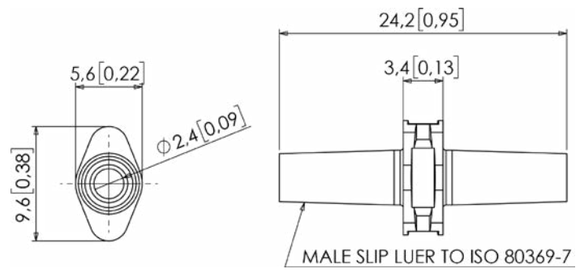
View range

Actual Size



Technical Data

Connections: Male Slip Luer
Mounting Style: In-line
Wetted Materials: Lipid Resistant Rad Stable Polycarbonate
Non-wetted Materials: Lipid Resistant Rad Stable Polycarbonate
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for USP Class VI, ISO 594, ISO 10993, ISO 80369-7 compatible
Other Technical Data: A Lipid Resistant Radiation Stable Polycarbonate-bodied luer coupler with ISO 80369-7 male slip luer. Conflict Mineral Compliant. DEHP Free. Animal Derivative Free. Human Derivative Free. BPA Free. Phthalate Free. Latex Free.



E-F-220127

Lipid Resistant Rad Stable Polycarbonate Rotating Elbow Luer, 1/8" (3.2mm) ID Tube to Male Slip Luer

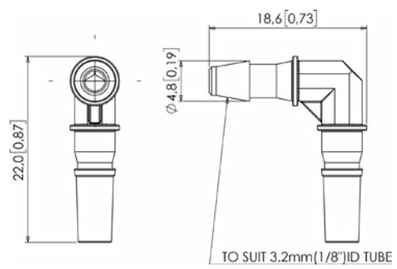
View range

Actual Size



Technical Data

Connection 1: Male Slip Luer
Connection 2: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Lipid Resistant Rad Stable Polycarbonate
Non-wetted Materials: Lipid Resistant Rad Stable Polycarbonate
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for USP Class VI, ISO 10993, ISO 594
Other Technical Data: A Lipid Resistant Radiation Stable Polycarbonate-bodied elbow luer with barb for 1/8" (3.2mm) ID tube to male slip luer. Conflict Mineral Compliant. DEHP Free. Animal Derivative Free. Human Derivative Free. BPA Free. Phthalate Free. Latex Free.



E-F-210225

White Nylon Female Luer Lock to 1/16" (1.6mm) ID Tube

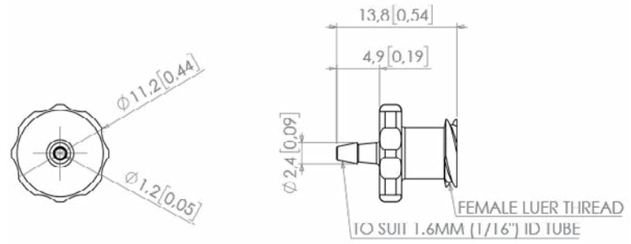
View range

Actual Size



Technical Data

Connection 1: Female Luer Lock
Connection 2: 1/16" (1.6mm) ID Tube
Mounting Style: In-line
Wetted Materials: White Nylon
Non-wetted Materials: White Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65
Other Technical Data: A White Nylon female luer lock to barb for 1/16" (1.6mm) ID tube. Phthalate Free. Latex Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.

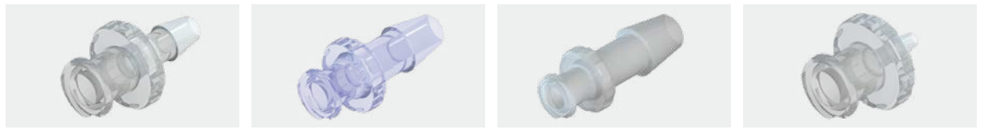


More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-210230	3/32" ID	In-line	White Nylon
E-F-160040	1/8" ID	In-line	Animal Free Polypropylene
E-F-160047	5/32" ID	In-line	Clear Polycarbonate
E-F-160053	3/16" ID	In-line	Rad Stable Polycarbonate
E-F-160059	1/4" ID	In-line	Kynar

More sizes and materials available online

Discover more sizes and materials online



E-F-180184

Natural Nylon High Flow Barb Luer, Female Luer Lock to 1/8" (3.2mm) ID Tube

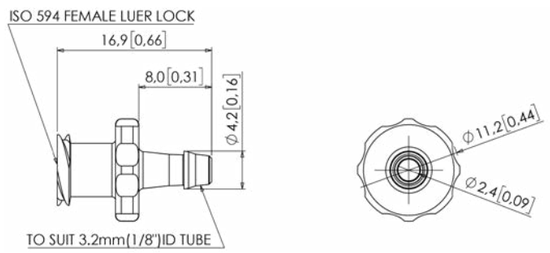
View range

Actual Size



Technical Data

Connection 1: Female Luer Lock
Connection 2: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Natural Nylon
Non-wetted Materials: Natural Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65, ISO 594
Other Technical Data: A Natural Nylon female luer lock to high flow barb for 1/8" (3.2mm) ID tube. Phthalate Free. BPA Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-160060	1/8" ID	In-line	Animal Free Polypropylene
E-F-160061	1/8" ID	In-line	Clear Polycarbonate
E-F-160062	1/8" ID	In-line	Rad Stable Polycarbonate
E-F-160063	1/8" ID	In-line	Kynar
E-F-180185	5/32" ID	In-line	Natural Nylon
E-F-180186	5/32" ID	In-line	Animal Free Polypropylene
E-F-180187	5/32" ID	In-line	Clear Polycarbonate
E-F-180188	5/32" ID	In-line	Rad Stable Polycarbonate
E-F-180189	5/32" ID	In-line	Kynar
E-F-180190	3/16" ID	In-line	Natural Nylon
E-F-171502	3/16" ID	In-line	Animal Free Polypropylene
E-F-180191	3/16" ID	In-line	Clear Polycarbonate
E-F-180193	3/16" ID	In-line	Kynar
E-F-180196	1/4" ID	In-line	Clear Polycarbonate
E-F-180198	1/4" ID	In-line	Kynar

E-F-180199

Natural Nylon Rigid Barb Luer, Female Luer Lock to 1/16" (1.6mm) ID Tube

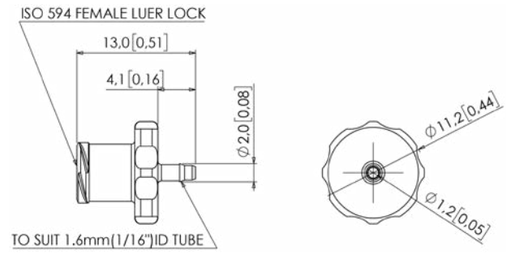
View range

Actual Size



Technical Data

Connection 1: Female Luer Lock
Connection 2: 1/16" (1.6mm) ID Tube
Mounting Style: In-line
Wetted Materials: Natural Nylon
Non-wetted Materials: Natural Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65, ISO 594
Other Technical Data: A Natural Nylon female luer lock to high flow barb for 1/16" (1.6mm) ID tube. Phthalate Free. BPA Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-180200	1/16" ID	In-line	Animal Free Polypropylene
E-F-180201	1/16" ID	In-line	Clear Polycarbonate
E-F-180203	1/16" ID	In-line	Kynar

E-F-160064

Clear ABS (MABS) Wing Grip Luer, Female Luer Lock to 1/16" (1.6mm) ID Tube

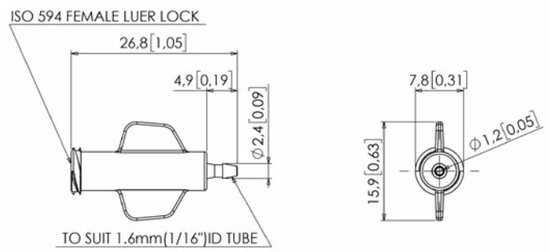
View range

Actual Size



Technical Data

Connection 1: Female Luer Lock
Connection 2: 1/16" (1.6mm) ID Tube
Mounting Style: In-line
Wetted Materials: Clear ABS (MABS)
Non-wetted Materials: Clear ABS (MABS)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for USP Class VI, FDA 21 CFR 181.32. California Prop. 65, ISO 594
Other Technical Data: A clear ABS (MABS) wing grip luer with female luer lock to 1/16" (1.6mm) ID tube. Conflict Mineral Compliant. DEHP Free. Animal Derivative Free. Human Derivative Free. BPA Free. Phthalate Free. Latex Free.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-160065	1/16" ID	In-line	Animal Free Polypropylene
E-F-160066	1/16" ID	In-line	Clear Polycarbonate
E-F-160067	3/32" ID	In-line	Clear ABS (MABS)
E-F-160068	3/32" ID	In-line	Animal Free Polypropylene
E-F-160069	3/32" ID	In-line	Clear Polycarbonate
E-F-160070	1/8" ID	In-line	Clear ABS (MABS)
E-F-160071	1/8" ID	In-line	Animal Free Polypropylene
E-F-160072	1/8" ID	In-line	Clear Polycarbonate

E-F-190027

ISO 80369-7 Clear ABS (MABS) Luer, Female Luer Lock to 1/8" (3.2mm) ID Tube

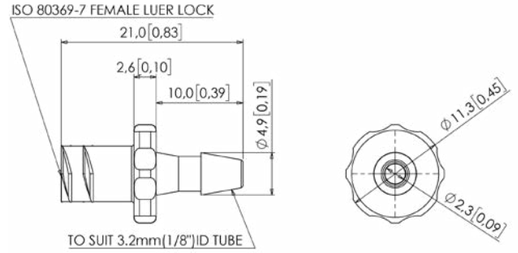
View range

Actual Size



Technical Data

Connection 1: Female Luer Lock
Connection 2: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Clear ABS (MABS)
Non-wetted Materials: Clear ABS (MABS)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for USP Class VI, FDA 21 CFR 181.32. California Prop. 65, ISO 80369-7 compatible
Other Technical Data: A clear ABS (MABS) luer with ISO 80369-7 female luer lock to barb for 1/8" (3.2mm) ID tube. Conflict Mineral Compliant. DEHP Free. Animal Derivative Free. Human Derivative Free. BPA Free. Phthalate Free. Latex Free.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-190025	1/16" ID	In-line	Clear ABS (MABS)
E-F-190013	1/16" ID	In-line	Clear Polycarbonate
E-F-190026	3/32" ID	In-line	Clear ABS (MABS)
E-F-190014	3/32" ID	In-line	Clear Polycarbonate
E-F-190015	1/8" ID	In-line	Clear Polycarbonate
E-F-190028	5/32" ID	In-line	Clear ABS (MABS)
E-F-190016	5/32" ID	In-line	Clear Polycarbonate
E-F-190029	3/16" ID	In-line	Clear ABS (MABS)
E-F-190017	3/16" ID	In-line	Clear Polycarbonate
E-F-190030	1/4" ID	In-line	Clear ABS (MABS)
E-F-190018	1/4" ID	In-line	Clear Polycarbonate

E-F-180016

ISO 80369-7 Clear Acrylic Luer, Female Luer Lock to .065"/.056" Bond-In Port

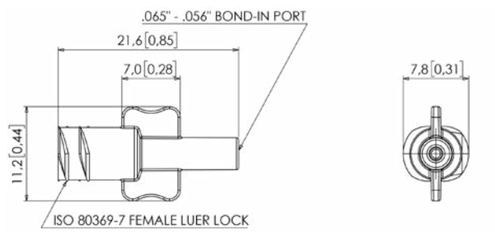
View range

Actual Size



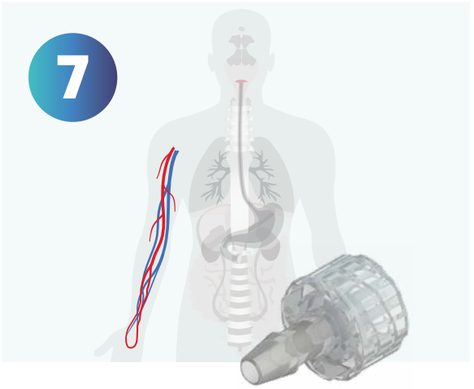
Technical Data

Connection 1: Female Luer Lock
Connection 2: .065"/.056" Bond-In Port
Mounting Style: In-line
Wetted Materials: Clear Acrylic
Non-wetted Materials: Clear Acrylic
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for USP Class VI, ISO 10993, ISO 80369-7 compatible
Other Technical Data: A clear Acrylic luer with ISO 80369-7 female luer lock to .065"/.056" bond-in port. BPA Free. DEHP Free. Phthalate Free. Latex Free. Conflict mineral compliant. This material is compatible with E-beam, gamma and EtO (Ethylene Oxide) sterilisation methods. This product is compliant to either ISO 594 and ISO 80369-7.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-180182	.088"/.079"	In-line	Clear Acrylic
E-F-180183	.114"/.100"	In-line	Clear Acrylic
E-F-180017	.134"/.124"	In-line	Clear Acrylic
E-F-180018	.163"/.134"	In-line	Clear Acrylic
E-F-180019	.192"/.183"	In-line	Clear Acrylic



ISO 80369-7

Reducing the risk of misconnections

ISO 80369-7 is the standard that defines the dimensions, design and performance testing for luer connectors used in intravascular (IV) and hypodermic medical applications. The ISO 80369 standard was developed to reduce the risk of medical tubing and connector misconnections.

E-F-171328

Nickel Plated Brass Luer, Female Luer Lock to 1/16" (1.6mm) ID Tube

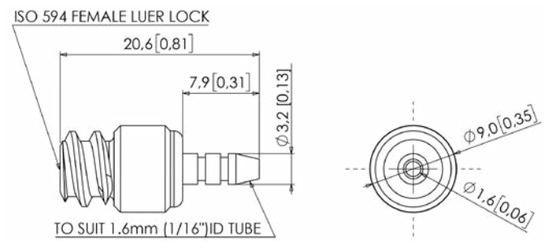
View range

Actual Size



Technical Data

Max. Inlet Pressure: 3.1 bar (45 psi)
Connection 1: Female Luer Lock
Connection 2: 1/16" (1.6mm) ID Tube
Mounting Style: In-line
Wetted Materials: Nickel Plated Brass
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: -40°C to 200°C (-40°F to 392°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Regulatory Information: ISO 594, ISO 80369-7 compatible
Other Technical Data: A Nickel Plated Brass female luer lock to barb for 1/16" (1.6mm) ID softer durometer tube. Suitable for compressed air and vacuum. The configurations are available on standard fittings.



More from this range

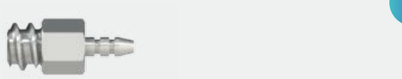
PART NUMBER	SIZE	STYLE	MATERIAL
E-F-171330	3/32" ID	In-line	Nickel Plated Brass
E-F-171355	Female Luer to 10-32 UNF Male	Threaded	Nickel Plated Brass
E-F-171357	Female Luer to 1/4-28 UNF Male	Threaded	Nickel Plated Brass
E-F-171353	Female Luer to 10-32 UNF Female	Threaded	Nickel Plated Brass

E-F-171397

316 Stainless Steel Luer, Female Luer Lock to 1/16" (1.6mm) ID Tube

View range

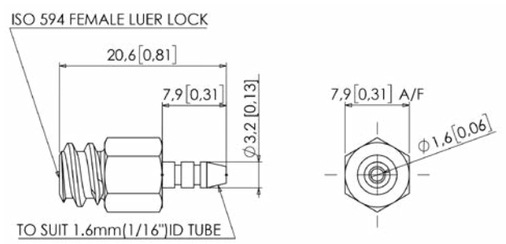
Actual Size





Technical Data

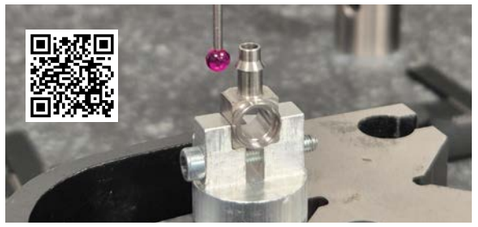
Max. Inlet Pressure: 3.1 bar (45 psi)
Connection 1: Female Luer Lock
Connection 2: 1/16" (1.6mm) ID Tube
Mounting Style: In-line
Wetted Materials: 316 Stainless Steel
Non-wetted Materials: 316 Stainless Steel
Media/Ambient Temperature: -40°C to 200°C (-40°F to 392°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Regulatory Information: ISO 594, ISO 80369-7 compatible
Other Technical Data: A 316 Stainless Steel-bodied luer with female luer lock to barb for 1/16" (1.6mm) ID tube. Suitable for compressed air and vacuum. The configurations are available on standard fittings.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-171401	5/32" ID	In-line	Stainless Steel
E-F-171420	Female Luer to 10-32 UNF Female	Threaded	Stainless Steel
E-F-171422	Female Luer to 10-32 UNF Male	Threaded	Stainless Steel
E-F-171424	Female luer to 1/4-28 UNF Male	Threaded	Stainless Steel

Quality at our core



We are proud to be an ISO 9001 and ISO 13485 certified company. We ensure production quality with 100% inspection, testing and validation to our standard or customer-specific requirements.

Scan the QR code to read about our commitment to quality.

E-F-210301

ISO 80369-7 White Nylon Panel Mount Luer, Female Luer Lock to 1/8" (3.2mm) ID Tube

View range

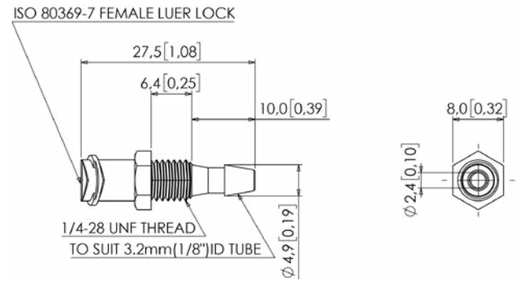
Actual Size





Technical Data

Connection 1: Female Luer Lock
Connection 2: 1/8" (3.2mm) ID Tube
Mounting Style: Panel Mount
Wetted Materials: White Nylon
Non-wetted Materials: White Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65, ISO 80369-7 compatible
Other Technical Data: A White Nylon panel mount luer with ISO 80369-7 female luer lock to barb for 1/8" (3.2mm) ID tube with 1/4-28 UNF thread. Phthalate Free. Latex Free. DEHP Free. Nut available.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-210299	1/16" ID	In-line	White Nylon
E-F-200053	1/16" ID	In-line	Animal Free Polypropylene
E-F-210302	3/32" ID	In-line	White Nylon
E-F-200056	3/32" ID	In-line	Animal Free Polypropylene
E-F-200059	1/8" ID	In-line	Animal Free Polypropylene

E-F-200116

Black Nylon Panel Mount Colour Code Ring

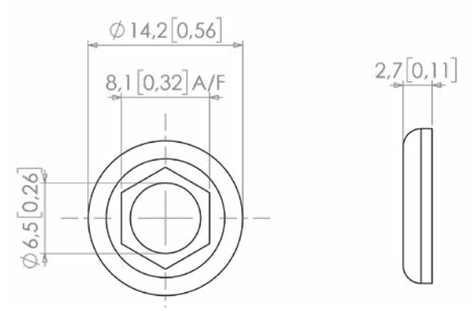
View range

Actual Size



Technical Data

Mounting Style: Panel Mount
Wetted Materials: Black Nylon
Non-wetted Materials: Black Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: Black colour code ring use for 7/16" hex panel mount fitting.



Also available in other colours



E-F-210382

Natural Nylon 10-32 UNF Thread Panel Mounting Nut with 0.363" Hex and 0.135" Thickness

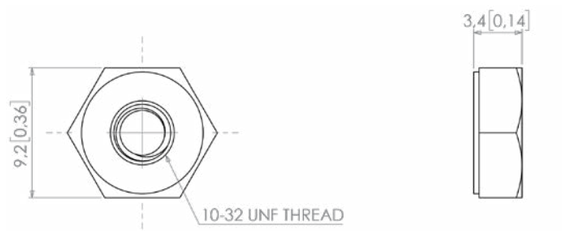
View range

Actual Size



Technical Data

Connections: 10-32 UNF Thread
Mounting Style: Panel Mount
Wetted Materials: Nylon
Non-wetted Materials: Nylon
Media/Ambient Temperature: -45 to 135°C (-50°F to 275°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Yes
Regulatory Information: Meets FDA requirements 21 CRF 178.3297, California Prop. 65
Other Technical Data: A Natural Nylon panel mount nut with 1/4-28 UNF thread.



Also available:

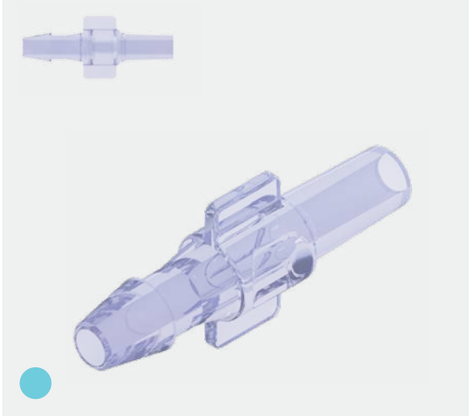
E-F-210001 - 1/4-28 UNF Thread

E-F-160163

Lipid Resistant Rad Stable Polycarbonate Slip Luer to 1/8" (3.2mm) ID Tube

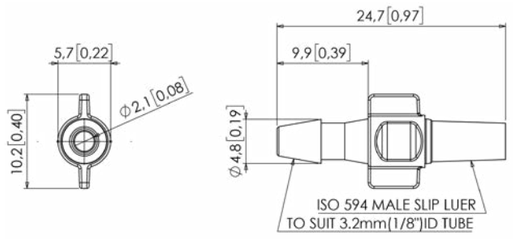
View range

Actual Size



Technical Data

Connection 1: Male Slip Luer
Connection 2: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Lipid Resistant Rad Stable Polycarbonate
Non-wetted Materials: Lipid Resistant Rad Stable Polycarbonate
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for USP Class VI, ISO 10993, ISO 594
Other Technical Data: A Lipid Resistant Rad Stable Polycarbonate luer with barb for 1/8" (3.2mm) ID tube to male slip luer. Animal Derivative Free. Human Derivative Free. DEHP Free. Phthalate Free. Compatible with gamma and EtO (Ethylene Oxide) sterilisation and can withstand Radiation doses in the range of 100kGy.



More from this range

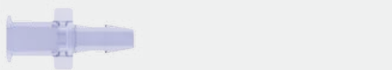
PART NUMBER	SIZE	STYLE	MATERIAL
E-F-160159	1/16" ID	In-line	Rad Stable Polycarbonate
E-F-160158	1/16" ID	In-line	Clear ABS
E-F-160161	3/32" ID	In-line	Rad Stable Polycarbonate
E-F-160160	3/32" ID	In-line	Clear ABS
E-F-160164	1/8" ID	In-line	White ABS
E-F-160162	1/8" ID	In-line	Clear ABS

E-F-160157

Lipid Resistant Rad Stable Polycarbonate Female Slip Luer to 1/8" (3.2mm) ID Tube

View range

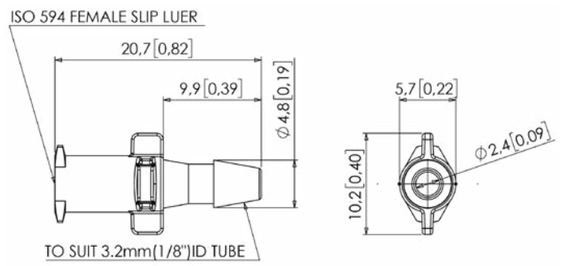
Actual Size





Technical Data

Connection 1: Female Slip Luer
Connection 2: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Lipid Resistant Rad Stable Polycarbonate
Non-wetted Materials: Lipid Resistant Rad Stable Polycarbonate
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for USP Class VI, ISO 10993, ISO 594
Other Technical Data: A Lipid Resistant Radiation Stable Polycarbonate-bodied luer with female slip luer to barb for 1/8" (3.2mm) ID tube. Animal Derivative Free. Human Derivative Free. DEHP Free. Phthalate Free.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-160153	1/16" ID	In-line	Rad Stable Polycarbonate
E-F-160152	1/16" ID	In-line	Clear ABS
E-F-171509	1/16" ID	In-line	Animal Free Polyproylene
E-F-160155	3/32" ID	In-line	Rad Stable Polycarbonate
E-F-160154	3/32" ID	In-line	Clear ABS
E-F-210120	3/32" ID	In-line	Animal Free Polyproylene
E-F-160156	1/8" ID	In-line	Clear ABS

Also available:



E-F-230061

Animal Free Polypropylene Equal Tee Luer Connector, Female Slip Luer

NEW Metal Slip Luers



Precision-engineered metal slip luers, coming soon



Multiple material options

- Body materials for these luers include Electroless Nickel Plated Brass and 316 Stainless Steel
- Seal materials include Viton, Buna-N, EPDM and Silicone



Different sizes and styles

- Sizes include 1/16", 1/8", 3/32", 10-32 UNF, 1/4-28 UNF
- Standard and easy barb available
- Styles include rotating luer lock, fixed, barbed, threaded and panel mount



Filter or orifice element

- Orifice sizes - 0.004", 0.005", 0.006", 0.007", 0.010", 0.014", 0.018"
- Filter sizes - 5, 10, 20, 40 micron
- Filter element materials include Sintered Bronze and Stainless Steel

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E-F-210240

White Nylon Female Luer Lock Plug

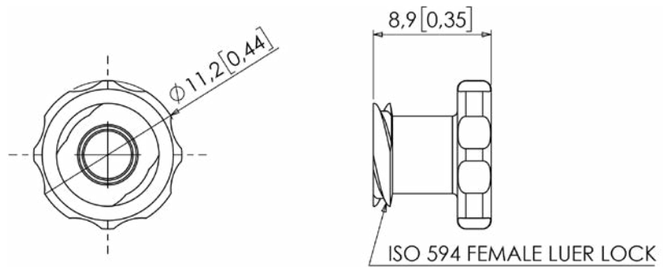
View range

Actual Size



Technical Data

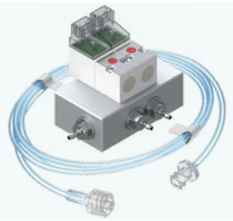
Connection 1: Female Luer Lock
Connection 2: None - Closed End
Mounting Style: In-line
Wetted Materials: White Nylon
Non-wetted Materials: White Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65, ISO 594
Other Technical Data: A White Nylon luer plug with female luer lock. Phthalate Free. Latex Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



More from this range

PART NUMBER	STYLE	MATERIAL
E-F-2015-0108	In-line	Animal Free Polypropylene
E-F-160169	In-line	Kynar

Need sub-assembly production?



We are a recognised supplier of tubing and manifold sub-assemblies, providing expert design and assembly services. Our high-quality solutions for the medical and scientific fluid control market make us a trusted partner for device and system manufacturers.

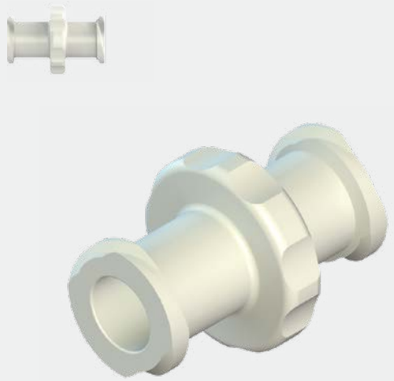
Scan the QR code to contact us for more information.

E-F-210265

White Nylon Female Luer Lock Coupler

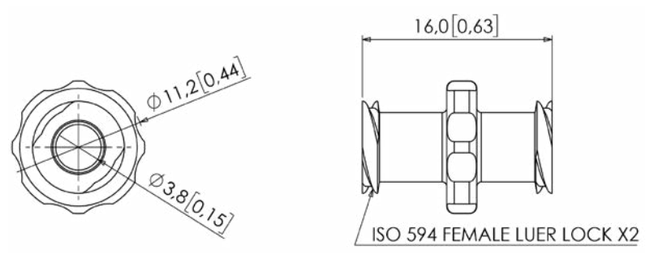
View range

Actual Size



Technical Data

Connections: Female Luer Lock
Mounting Style: In-line
Wetted Materials: White Nylon
Non-wetted Materials: White Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65, ISO 594
Other Technical Data: A White Nylon luer plug with female luer lock. Phthalate Free. Latex Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



More from this range

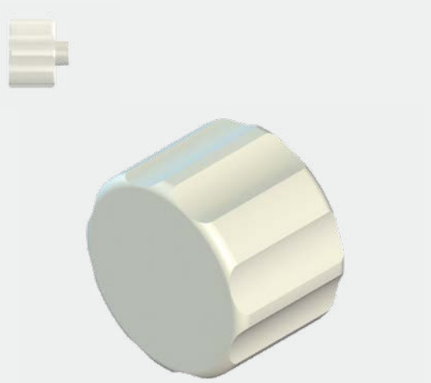
PART NUMBER	STYLE	MATERIAL
E-F-160171	In-line	Animal Free Polypropylene
E-F-160172	In-line	Clear Polycarbonate

E-F-210259

White Nylon Male Luer Lock Plug

View range

Actual Size



Technical Data

Connection 1: Male Luer Lock
Connection 2: None - Closed End
Mounting Style: In-line
Wetted Materials: White Nylon
Non-wetted Materials: White Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65, ISO 594
Other Technical Data: A White Nylon luer plug with male luer lock. Phthalate Free. Latex Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



More from this range

PART NUMBER	STYLE	MATERIAL
E-F-2015-0109	In-line	Animal Free Polpropylene
E-F-160176	In-line	Clear Polycarbonate
E-F-160178	In-line	Kynar



Open Luer

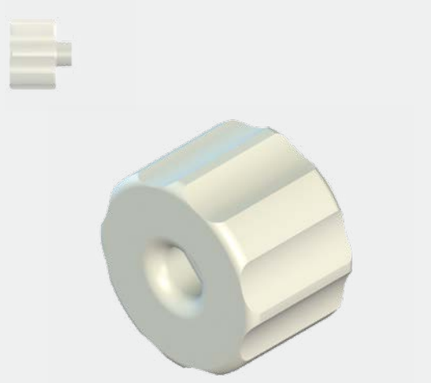
This plug has an open luer which means if you have an expansive media the hole will capture a tiny amount of fluid.

E-F-210258

White Nylon Closed Male Luer Lock Plug

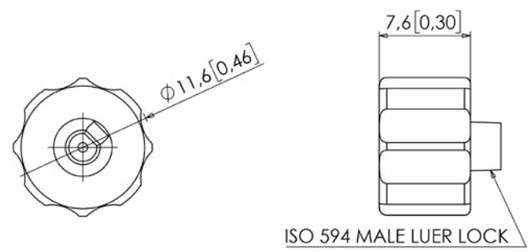
View range

Actual Size



Technical Data

Connection 1: Male Luer Lock
Connection 2: None - Closed End
Mounting Style: In-line
Wetted Materials: White Nylon
Non-wetted Materials: White Nylon
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: Class 8 cleanroom
Regulatory Information: Meets Requirements for FDA 21 CFR 177.1500, California Prop. 65, ISO 594
Other Technical Data: A White Nylon closed luer plug with male luer lock. Phthalate Free. Latex Free. DEHP Free. Ozone depleting substances compliant. Compatible with EtO (Ethylene Oxide) sterilisation and can withstand gamma sterilisation to 50kGy.



More from this range

PART NUMBER	STYLE	MATERIAL
E-F-160180	In-line	Animal Free Polpropylene
E-F-160181	In-line	Clear Polycarbonate



Closed Plug

This plug is closed meaning no media will enter the plug.

E-F-220044

Nylon Equal Straight Connector, EPDM Seal, 4mm OD Push-In Fitting

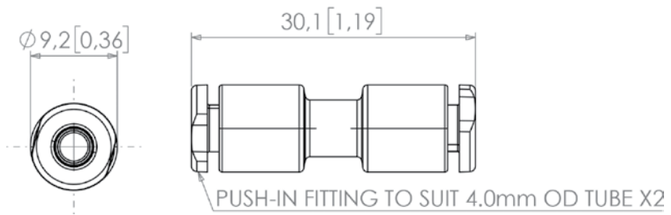
View range

Actual Size



Technical Data

Max. Inlet Pressure: 16 bar (232 psi)
Connections: Push-In Fitting to suit 4mm OD Tube
Mounting Style: In-line
Wetted Materials: Nylon, EPDM
Non-wetted Materials: 301 Stainless Steel, Nylon
Media/Ambient Temperature: -20°C to 100°C (-4°F to 212°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Regulatory Information: ASTM G93/G93M-19
Other Technical Data: This product designed for life science market, particularity for medical and analytical applications. Long lasting solution and high level of sealing. Compatible with filtered compressed air, unlubricated, according to ISO 8573-1 class 3.4.3, inert gas. Oxygen compatible valves available on request.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-220045	6mm OD	In-line, Straight	Nylon
E-F-220046	4mm OD	In-line, Elbow	Nylon
E-F-220047	6mm OD	In-line, Elbow	Nylon
E-F-220048	4mm OD	In-line, Tee	Nylon
E-F-220049	6mm OD	In-line, Tee	Nylon
E-F-220050	4mm OD	In-line, Y Connector	Nylon
E-F-220051	6mm OD	In-line, Y Connector	Nylon

E-F-220041

Nylon Threaded Elbow Adaptor, EPDM Seal, 4mm OD Push-In Fitting to 1/8" BSPP Male Thread

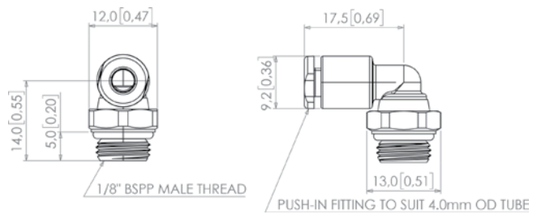
View range

Actual Size



Technical Data

Max. Inlet Pressure: 16 bar (232 psi)
Connection 1: Push-In Fitting to suit 4mm OD Tube
Connection 2: 1/8" BSPP Male Thread
Mounting Style: Threaded
Wetted Materials: Nickel Plated Brass, Nylon, EPDM
Non-wetted Materials: 301 Stainless Steel, Nylon
Media/Ambient Temperature: -20°C to 100°C (-4°F to 212°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Regulatory Information: ASTM G93/G93M-19
Other Technical Data: This product designed for life science market, particularity for medical and analytical applications. Long lasting solution and high level of sealing. Compatible with filtered compressed air, unlubricated, according to ISO 8573-1 class 3.4.3, inert gas. Oxygen compatible valves available on request.

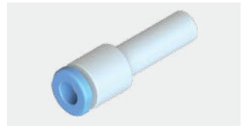


More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-220041	4mm OD to M5x0.8 Male	Threaded, Elbow	Nylon, Nickel Plated Brass
E-F-220040	4mm OD to M5x0.8 Male	Threaded, Elbow	Nylon, Nickel Plated Brass
E-F-220042	6mm OD to M5x0.8 Male	Threaded, Elbow	Nylon, Nickel Plated Brass
E-F-220043	6mm OD to 1/8" BSPP Male	Threaded, Elbow	Nylon, Nickel Plated Brass
E-F-220039	6mm OD to 1/8" BSPP Male	Threaded	Nickel Plated Brass
E-F-220036	4mm OD to M5x0.8 Male	Threaded	Nickel Plated Brass
E-F-220038	6mm OD to M5x0.8 Male	Threaded	Nickel Plated Brass

View full range on our website






E-F-210421

316 Stainless Steel Straight Adaptor, Viton Seal, 5/32" (4mm) OD Push-In Fitting to 10-32 UNF Male Thread

View range

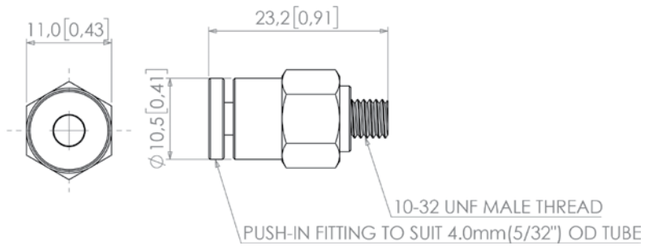
Actual Size





Technical Data

Max. Inlet Pressure: 17.24 bar (250 psi) - at 23°C (75°F)
Connection 1: Push-In Fitting to suit 1/4" (6.4mm) OD Tube
Connection 2: 10-32 UNF Thread
Mounting Style: Threaded
Wetted Materials: 316 Stainless Steel, Viton
Non-wetted Materials: 316 Stainless Steel
Media/Ambient Temperature: -15°C to 110°C (5°F to 230°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: Compatible with air, inert gas, water, liquid and oil. The product is designed for use with stiff tube which made with Nylon, Polyurethane, Polyethylene and Polypropylene.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-210422	1/4" OD to 10-32 UNF Male	Threaded, Elbow	316 Stainless Steel
E-F-210423	5/32" OD to 10-32 UNF Male	Threaded, Elbow	316 Stainless Steel

E-F-170818

Nickel Plated Brass Straight Adaptor (Food Grade), Viton (FKM) Seal, 4mm OD Push-In Fitting to 1/8" BSPP Male Thread

View range

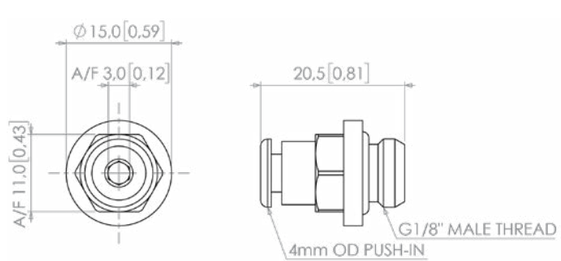
Actual Size





Technical Data

Max. Inlet Pressure: 16 bar (232 psi)
Connection 1: Push-In Fitting to suit 4mm OD Tube
Connection 2: 1/8" BSPP Male Thread
Mounting Style: Threaded
Wetted Materials: Nickel Plated Brass, Viton (FKM)
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: -20°C to 150°C (-4°F to 302°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Regulatory Information: NSF / ANSI 169, Viton (FKM) O-ring FDA approved
Other Technical Data: Suitable for compressed air and vacuum. Compatible for use with Nylon 6, Rilsan PA11, Polyamide 12, PTFE and Polypropylene tube. This product does not contain any plastic parts so no risk of incompatibility.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-170825	4mm OD to 1/8" BSPP Female	Threaded	Nickel Plated Brass
E-F-170833	4mm OD	In-line, Elbow	Nickel Plated Brass
E-F-170836	4mm OD	In-line, Tee	Nickel Plated Brass

More sizes and styles available online

Food Grade Fittings









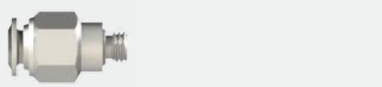
Explore our full range of food grade push-in fittings online

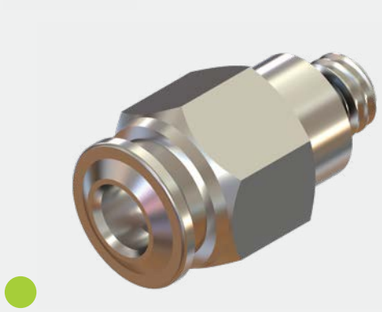
E-F-240076

Nickel Plated Brass Straight Adaptor, Buna-N (Nitrile) Seal, 4mm OD Push-In Fitting to M5 Male Thread

View range

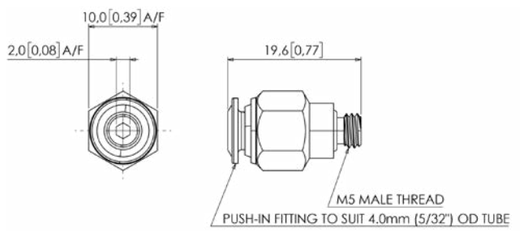
Actual Size





Technical Data

Max. Inlet Pressure: 20 bar (290 psi)
Connection 1: Push-In Fitting to suit 4mm OD Tube
Connection 2: M5 Male Thread
Mounting Style: Threaded
Wetted Materials: Nickel Plated Brass, Buna-N (Nitrile)
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: -20°C to 80°C (-4°F to 176°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: A Nickel Plated Brass-bodied straight adaptor with Buna-N (Nitrile) seals and 4mm OD push-in fitting to M5 male thread. Internal hexagonal for increased leverage with a wrench during installation and disassembly. Ideally use for compressed air system, hydraulic system and general plumbing.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-240077	6mm OD to M5 Male Thread	Threaded	Nickel Plated Brass
E-F-240079	1/4" OD to 10-32 UNF Male	Threaded	Nickel Plated Brass
E-F-240078	1/8" OD to 10-32 UNF Male	Threaded	Nickel Plated Brass
E-F-210020	5/32" OD to 10-32 UNF Male	Threaded	Nickel Plated Brass

E-F-170873

Polypropylene Straight Adaptor, EPDM Seal, 4mm OD Push-In Fitting to 1/8" BSPT Male Thread

View range

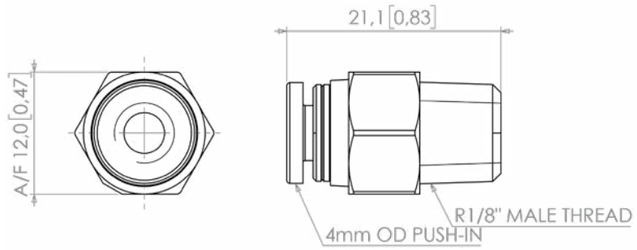
Actual Size





Technical Data

Max. Inlet Pressure: 10.34 bar (150 psi)
Connection 1: Push-In Fitting to suit 4mm OD Tube
Connection 2: 1/8" BSPT Male Thread
Mounting Style: Threaded
Wetted Materials: Polypropylene, EPDM
Non-wetted Materials: Polypropylene, 304 Stainless Steel
Media/Ambient Temperature: -20°C to 80°C (-4°F to 176°F)
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: Suitable for air, water and other chemicals subject to compatibility with construction materials. Clear (semi-transparent) colour used for the resin body makes it possible to visually check the media inside and sanitary conditions thereof.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-F-170905	4mm OD	In-line	Polypropylene
E-F-170908	4mm OD	In-line, Elbow	Polypropylene
E-F-170883	4mm OD	In-line, Tee	Polypropylene

More sizes and styles available online

All different shapes and sizes!

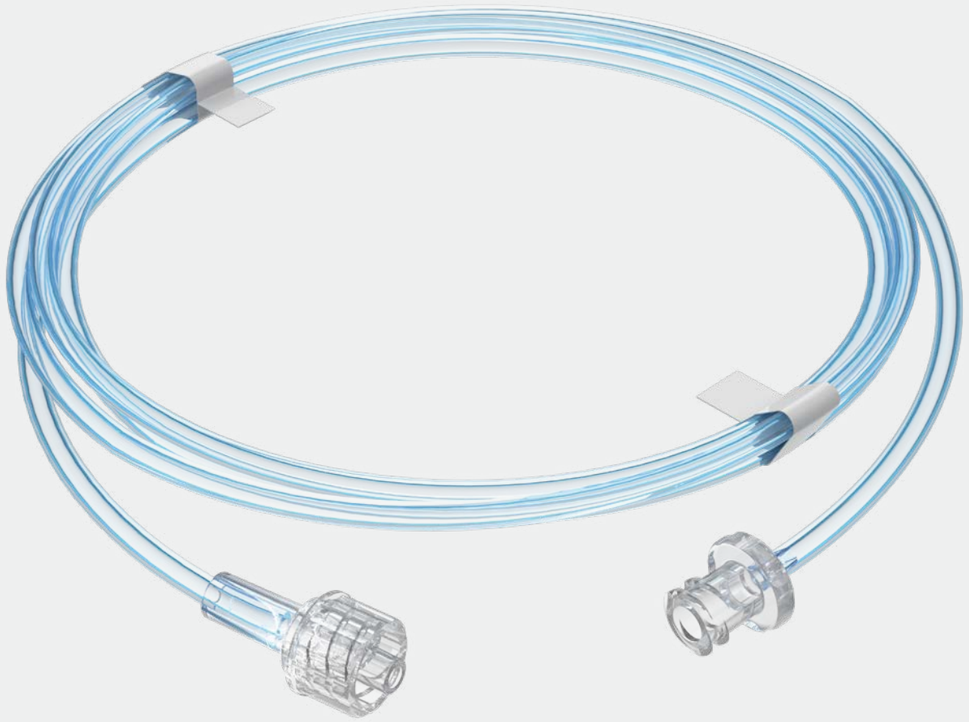








Explore more push-in fittings on our website



Key

Soft Tube (50-85 Shore A)
Compatible with blue dot fittings

Hard Tube (90-95 Shore A)
Compatible with green dot fittings



EBT Bio Tubing

Flexible and durable tubing range with low gas and oxygen permeability.

Pages 83-92



Polyethylene

Flexible, lightweight, FDA-approved tubing for a wide range of applications.

Pages 93-94



Polyurethane

Available in multiple sizes and colours, this tubing delivers durability and flexibility.

Pages 95-96



Nylon

Temperature and pressure resistant tubing for push-in and compression fittings.

Page 97



PVC

Rubber-like flexibility and durability make PVC tubing ideal for tough environments.

Page 98



Silicone

Robust, flexible tubing suited to healthcare and pharmaceutical industries.

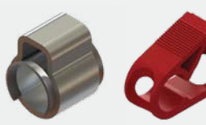
Pages 99-100



Ribbon

Designed for multiple connections. Colour-coded lines make for easy identification.

Pages 101-102



Accessories

We offer tubing accessories including retainers and clamps.

Pages 103-105



Media Bags & Shut Off Fitments

We offer media bags with pouch fitments in a range of different materials.

Pages 106-107

Tubing

Our range of tubing includes Eox Bio Tubing (EBT), Polyurethane, Polyethylene, Nylon, Silicone and PVC, suitable for many markets including medicine, analytics and bioprocessing.

Technical details are available for each range including diameter tolerance, durometer and temperature range. Need a compatible fitting? Use our key above to help with your selection.

Key Features

- Different shore hardness ratings
- RoHS and REACH compliant
- Cost-effective options
- Specialised tubing for various applications

Typical Applications

- Bioprocessing
- Biomedicine
- Pharmaceutical
- Pneumatics

Material Options

- Polyethylene
- Polyurethane
- Nylon
- PVC
- Silicone

EBT Tubing Guide

Find the perfect tubing for your application

This guide is for our EBT tubing range. This range uses hybrid materials. To select the tubing that best fits your application, use the comparison table below.

Tubing Name	Material	Shore A	Reel Sizes	Temp. Range	Cleanroom Production	Gamma Rating*
EBT 86	POE	86	100FT / 30M	-40°C – 76°C (-40°F – 170°F)	N	10
EBT 66	TPE	66	50FT / 15M	-50°C – 121°C (-58°F – 250°F)	Y	5.5
EBT 75	TPE	75	50FT / 15M	-50°C – 121°C (-58°F – 250°F)	Y	5.5
EBT 84	TPE	84	50FT / 15M	-50°C – 121°C (-58°F – 250°F)	Y	5.5
EBT 95	TPE	95	50FT / 15M	-50°C – 135°C (-58°F – 275°F)	Y	5
EBT 121	TPE	54	50FT / 15M	-50°C – 121°C (-58°F – 250°F)	Y	9
EBT 135	TPE	68	50FT / 15M	-50°C – 135°C (-58°F – 275°F)	Y	9
EBT Braided 135	TPE	68	50FT / 15M	-50°C – 135°C (-58°F – 275°F)	Y	9
EBT Kynar	TPU/TPE	85	50FT / 15M	-50°C – 80°C (-58°F – 176°F)	Y	
EBT P70	TPV Alloy	70	50FT / 15M	-50°C – 135°C (-58°F – 275°F)	Y	9
EBT P80	TPV Alloy	80	50FT / 15M	-50°C – 135°C (-58°F – 275°F)	Y	9

*Based on a sliding scale of 1 to 10 with 10 being the best **autoclave to 121°C

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Tubing Compatibility

View range

Key below indicates which type of tubing is compatible with our fittings range, scan the QR code to view our compatible fittings and tubing.

Soft Tube (50-85 Shore A)
Compatible with blue dot fittings

Hard Tube (90-95 Shore A)
Compatible with green dot fittings

Tubing Name	EtO	Autoclave	Welding	Heat Sealing	USP Class VI	ISO 10993-4 ISO 10993-5	Barrier Properties	Flexibility*	Pump Durable	Chemical Resistance	Blue Fitting	Green Fitting
EBT 86	Y		Y	Y	Y	Y	10	7		8		
EBT 66	Y		Y	Y	Y	Y	9	8	Y	6		
EBT 75	Y		Y	Y	Y	Y	9	7	Y	7		
EBT 84	Y		Y	Y	Y	Y	9	7	Y	7		
EBT 95	Y	Y	Y	Y	Y	Y	9	5		7		
EBT 121	Y	Y**	Y	Y	Y	Y	8	9	Y	5		
EBT 135	Y	Y	Y	Y	Y	Y	8	8	Y	6		
EBT Braided 135	Y	Y	Y	Y	Y	Y	8	8	Y	6		
EBT Kynar	Y				Y	Y	10	8		9		
EBT P70	Y	Y	Y	Y	Y	Y	8	8	Y	6		
EBT P80	Y	Y	Y	Y	Y	Y	8	8	Y	6		

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Tubing Selection Guide

Choose tubing designed for your application. All tubing is 100% PVC Free, contains no DEHP or other phthalates and no plasticisers.

Medical | Biotech | Life Sciences

Range	Industries	Key Features
EBT 135 EBT Braided 135	Biomedical Pharmaceutical Bioprocess Tubing	• Autoclavable • Peristaltic pump tubing • Silicone alternative • Ultra-low extractables/leachables • ISO 10993-5, ISO 10993-4, USP 661 • Low gas and oxygen permeability
EBT 121	Biomedical Pharmaceutical Bioprocess Tubing	• Autoclavable • Peristaltic pump tubing • Ultra-low extractables/leachables • ISO 10993-5, ISO 10993-4, USP 661, USP Class VI • Low gas and oxygen permeability
EBT P70 & P80	Biomedical Pharmaceutical Bioprocess Tubing	• Autoclavable • Peristaltic pump tubing • Ultra-low extractables/leachables • ISO 10993-5, ISO 10993-4, USP Class VI • Low gas and oxygen permeability • Excellent chemical resistance
EBT 66, EBT 75, EBT 84, EBT 95	Biomedical Bioprocess Tubing	• Ultra-low extractables/leachables • ISO 10993-5, ISO 10993-4, USP Class VI • Low protein binding • Shore A 66 - 95 hardness
EBT Kynar	Biomedical Pharmaceutical Bioprocess Tubing	• Ultra-low extractables/leachables • ISO 10993-5, ISO 10993-4, USP Class VI • More flexible than tubing extruded from 100% Kynar • Excellent chemical resistance

General Purpose | Pneumatics | Robotics Fluid Handling

Range	Industries	Key Features
EBT 82	General Purpose Tubing	• Ultra-low extractables/leachables • ISO 10993-5, ISO 10993-4, USP 661, USP Class VI • Low gas and oxygen permeability • Suitable for deionised water

E-T-160018

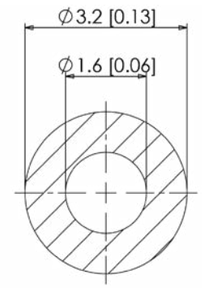
Kynar Lined Polyurethane Tubing, 85 Shore A, 1/16" (1.6mm) ID x 1/8" (3.2mm) OD - 15M

View range



Technical Data

Temperature Range (°C [°F]): -50°C to 80°C (-58°F to 176°F)
Wetted Materials: Kynar
Non-wetted Materials: Polyurethane
Durometer: 85 Shore A, compatible with blue dot fittings
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI, ISO 10993-4, ISO 10993-5
Cleanroom Manufactured: Class 7 cleanroom
Other Technical Data: 15 Metre coil (50 Feet) of Kynar flexible tubing with an internal diameter of 1/16" (1.6mm), an outside diameter of 1/8" (3.2mm) and a wall thickness of 1/32" (0.8mm), designed for use with barbed fittings.



CROSS SECTION OF HOSE

More from this range

PART NUMBER	SIZE	DUROMETER	MATERIAL
E-T-160019	3/32" ID x 5/32" OD	85 Shore A	Kynar
E-T-160020	1/8" ID x 1/4" OD	85 Shore A	Kynar
E-T-160021	3/16" ID x 5/16" OD	85 Shore A	Kynar
E-T-160022	1/4" ID x 3/8" OD	85 Shore A	Kynar

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E-T-160121

Clear TPE Tubing, 68 Shore A, 1/16" (1.6mm) ID x 1/8" (3.2mm) OD - 15M

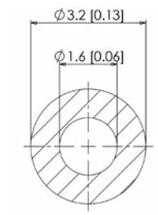
View range

Actual Size



Technical Data

Working Pressure: 4:1 Safety Factor
Operating Range: Vacuum to 2.25 bar (33 psi) at 20°C (68°F)
Temperature Range (°C [°F]): -80°C to 135°C (-112°F to 275°F)
Bend Radius: 0.06" (1.5mm)
Wetted Materials: TPE
Non-wetted Materials: TPE
Durometer: 68 Shore A, compatible with blue dot fittings
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI, USP 661, BPOG Tested, California Prop.65 compliant, ISO 10993-5, ISO 10993-4
Cleanroom Manufactured: Class 7 cleanroom
Other Technical Data: 15 Metre coil (50 Feet) of clear TPE tubing with an internal diameter of 1/16" (1.6mm), an outside diameter of 1/8" (3.2mm) and a wall thickness of 1/32" (0.8mm), designed for use with barbed fittings.



CROSS SECTION OF HOSE

More from this range

PART NUMBER	SIZE	DUROMETER	MATERIAL
E-T-160122	3/32" ID x 5/32" OD	68 Shore A	TPE
E-T-160123	1/8" ID x 1/4" OD	68 Shore A	TPE
E-T-160124	3/16" ID x 5/16" OD	68 Shore A	TPE
E-T-160125	1/4" ID x 3/8" OD	68 Shore A	TPE

In the early stages of your design?



We can support with:

- Free initial advice
- Product selection
- Design for manufacturing support
- Regulatory guidance

From prototype to production - we're with you every step of the way. Let's discuss your next project.

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E-T-220001

Clear Braided TPE Tubing, 68 Shore A, 1/8" (3.2mm) ID x 3/8" (9.5mm) OD - 15M

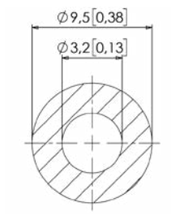
View range

Actual Size



Technical Data

Working Pressure: 4:1 Safety Factor
Operating Range: 11.16 bar (162 psi) at 20°C (68°F)
Temperature Range (°C [°F]): -80°C to 135°C (-112°F to 275°F)
Bend Radius: 0.25" (6.4mm)
Wetted Materials: TPE
Non-wetted Materials: TPE
Durometer: 68 Shore A, compatible with blue dot fittings
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI, USP 661, BPOG Tested, FDA 21 CFR 177.2600, California Prop.65 compliant, ISO 10993-5, ISO 10993-4
Cleanroom Manufactured: Class 7 cleanroom
Other Technical Data: 15 Metre coil (50 Feet) of clear braided TPE tubing with an internal diameter of 1/8" (3.2mm), an outside diameter of 3/8" (9.5mm) and a wall thickness of 1/8" (3.2mm), designed for use with barbed fittings.



CROSS SECTION OF HOSE

More from this range

PART NUMBER	SIZE	DUROMETER	MATERIAL
E-T-210008	1/4" ID x 1/2" OD	68 Shore A	TPE
E-T-220020	3/8" ID x 5/8" OD	68 Shore A	TPE
E-T-220002	1/2" ID x 3/4" OD	68 Shore A	TPE

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E-T-160023

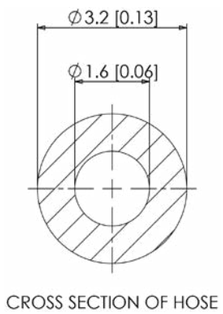
Clear TPE Tubing, 66 Shore A, 1/16" (1.6mm) ID x 1/8" (3.2mm) OD - 15M

View range



Technical Data

Temperature Range (°C [°F]): -50°C to 121°C (-58°F to 250°F)
Wetted Materials: TPE
Non-wetted Materials: TPE
Durometer: 66 Shore A, compatible with blue dot fittings
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI, ISO 10993-4, ISO 10993-5, California Prop.65 compliant
Cleanroom Manufactured: Class 7 cleanroom
Other Technical Data: 15 Metre coil (50 Feet) of clear TPE tubing with an internal diameter of 1/16" (1.6mm), an outside diameter of 1/8" (3.2mm) and a wall thickness of 1/32" (0.8mm), designed for use with barbed fittings.



CROSS SECTION OF HOSE

More from this range

PART NUMBER	SIZE	DUROMETER	MATERIAL
E-T-160024	3/32" ID x 5/32" OD	66 Shore A	TPE
E-T-160025	1/8" ID x 1/4" OD	66 Shore A	TPE
E-T-160026	3/16" ID x 5/16" OD	66 Shore A	TPE
E-T-160027	1/4" ID x 3/8" OD	66 Shore A	TPE

E-T-160013

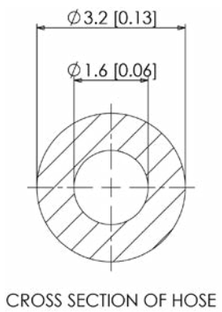
Clear TPE Tubing, 95 Shore A, 1/16" (1.6mm) ID x 1/8" (3.2mm) OD - 15M

View range



Technical Data

Temperature Range (°C [°F]): -50°C to 135°C (-58°F to 275°F)
Wetted Materials: TPE
Non-wetted Materials: TPE
Durometer: 95 Shore A, compatible with green and blue dot fittings
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI, ISO 10993-4, ISO 10993-5, California Prop.65 compliant
Cleanroom Manufactured: Class 7 cleanroom
Other Technical Data: 15 Metre coil (50 Feet) of clear TPE tubing with an internal diameter of 1/16" (1.6mm), an outside diameter of 1/8" (3.2mm) and a wall thickness of 1/32" (0.8mm), designed for use with barbed fittings.



CROSS SECTION OF HOSE

More from this range

PART NUMBER	SIZE	DUROMETER	MATERIAL
E-T-160014	3/32" ID x 5/32" OD	95 Shore A	TPE
E-T-160015	1/8" ID x 1/4" OD	95 Shore A	TPE
E-T-160016	3/16" ID x 5/16" OD	95 Shore A	TPE
E-T-160017	1/4" ID x 3/8" OD	95 Shore A	TPE

E-T-160008

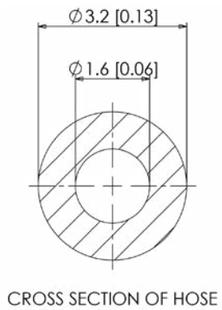
Clear TPE Tubing, 84 Shore A, 1/16" (1.6mm) ID x 1/8" (3.2mm) OD - 15M

View range



Technical Data

Temperature Range (°C [°F]): -50°C to 121°C (-58°F to 250°F)
Wetted Materials: TPE
Non-wetted Materials: TPE
Durometer: 84 Shore A, compatible with green and blue dot fittings
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI, FDA 21 CFR 177.2600, California Prop.65 compliant, ISO 10993-5, ISO 10993-4
Cleanroom Manufactured: Class 7 cleanroom
Other Technical Data: 15 Metre coil (50 Feet) of clear TPE tubing with an internal diameter of 1/16" (1.6mm), an outside diameter of 1/8" (3.2mm) and a wall thickness of 1/32" (0.8mm), designed for use with barbed fittings.



CROSS SECTION OF HOSE

More from this range

PART NUMBER	SIZE	DUROMETER	MATERIAL
E-T-160009	3/32" ID x 5/32" OD	84 Shore A	TPE
E-T-160010	1/8" ID x 1/4" OD	84 Shore A	TPE
E-T-160011	3/16" ID x 5/16" OD	84 Shore A	TPE
E-T-160012	1/4" ID x 3/8" OD	84 Shore A	TPE

E-T-160004

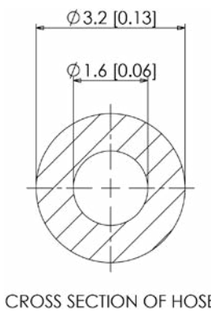
Clear TPE Tubing, 75 Shore A, 1/16" (1.6mm) ID x 1/8" (3.2mm) OD - 15M

View range



Technical Data

Temperature Range (°C [°F]): -50°C to 121°C (-58°F to 250°F)
Wetted Materials: TPE
Non-wetted Materials: TPE
Durometer: 75 Shore A, compatible with blue dot fittings
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI, ISO 10993-4, ISO 10993-5, California Prop.65 compliant
Cleanroom Manufactured: Class 7 cleanroom
Other Technical Data: 15 Metre coil (50 Feet) of clear TPE tubing with an internal diameter of 1/16" (1.6mm), an outside diameter of 1/8" (3.2mm) and a wall thickness of 1/32" (0.8mm), designed for use with barbed fittings.



CROSS SECTION OF HOSE

More from this range

PART NUMBER	SIZE	DUROMETER	MATERIAL
E-T-160005	3/32" ID x 5/32" OD	75 Shore A	TPE
E-T-160003	1/8" ID x 1/4" OD	75 Shore A	TPE
E-T-160006	3/16" ID x 5/16" OD	75 Shore A	TPE
E-T-160007	1/4" ID x 3/8" OD	75 Shore A	TPE

Discover our capabilities



- Custom product design
- Cleanroom facilities
- Sub-assembly production
- Component testing and inspection
- Kitting and packing
- Component marking

Scan the QR code to contact us for more information

E-T-210002

Clear TPE Bio Tubing, 55 Shore A, 3/32" (2.4mm) ID x 5/32" (4.0mm) OD - 15M

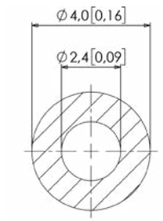
View range

Actual Size



Technical Data

Working Pressure: 4:1 Safety Factor
Operating Range: 1.03 bar (15 psi) at 20°C (68°F)
Temperature Range (°C [°F]): -50°C to 121°C (-58°F to 250°F)
Bend Radius: 0.19" (4.8mm)
Wetted Materials: TPE
Non-wetted Materials: TPE
Durometer: 55 Shore A, compatible with blue dot fittings
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI, USP 661, BPOG Tested, California Prop.65 compliant, ISO 10993-5, ISO 10993-4
Cleanroom Manufactured: Class 7 cleanroom
Other Technical Data: 15 Metre coil (50 Feet) of clear TPE tubing with an inside diameter 3/32" (2.4mm), an outside diameter 5/32" (4.0mm) and a wall thickness of 1/32" (0.8mm), designed for use with barbed fittings.



CROSS SECTION OF HOSE

More from this range

PART NUMBER	SIZE	DUROMETER	MATERIAL
E-T-200016	1/8" ID x 1/4" OD	55 Shore A	TPE
E-T-210009	1/4" ID x 3/8" OD	55 Shore A	TPE

E-T-220022

Natural TPV Alloy Tubing, 70 Shore A, 1/32" (0.8mm) ID x 3/32" (2.4mm) OD - 15M

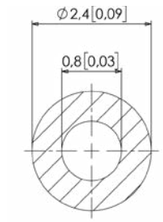
View range

Actual Size



Technical Data

Working Pressure: 4:1 Safety Factor
Operating Range: 3.52 bar (51 psi) at 20°C (68°F)
Temperature Range (°C [°F]): -50°C to 135°C (-58°F to 275°F)
Bend Radius: 0.13" (3.3mm)
Wetted Materials: TPV Alloy
Non-wetted Materials: TPV Alloy
Durometer: 70 Shore A, compatible with blue dot fittings
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI, USP 661, BPOG Tested, California Prop.65 compliant, ISO 10993-5, ISO 10993-4
Cleanroom Manufactured: Class 7 cleanroom
Other Technical Data: 15 Metre coil (50 Feet) of natural TPV Alloy tubing with an inside diameter 1/32" (0.8mm), an outside diameter 3/32" (2.4mm) and a wall thickness of 1/32" (0.8mm), designed for use with barbed fittings.



CROSS SECTION OF HOSE

More from this range

PART NUMBER	SIZE	DUROMETER	MATERIAL
E-T-220023	1/16" ID x 1/8" OD	70 Shore A	TPV Alloy
E-T-220024	3/32" ID x 5/32" OD	70 Shore A	TPV Alloy
E-T-210005	1/8" ID x 1/4" OD	70 Shore A	TPV Alloy
E-T-220025	3/16" ID x 5/16" OD	70 Shore A	TPV Alloy
E-T-220026	1/4" ID x 3/8" OD	70 Shore A	TPV Alloy
E-T-220027	5/16" ID x 7/16" OD	70 Shore A	TPV Alloy
E-T-220028	3/8" ID x 1/2" OD	70 Shore A	TPV Alloy

E-T-160136

Clear Polyethylene (POE) Tubing, 86 Shore A, 1/16" (1.6mm) ID x 1/8" (3.2mm) OD - 30M

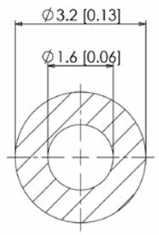
View range

Actual Size



Technical Data

Working Pressure: 4:1 Safety Factor
Operating Range: Vacuum to 8.96 bar (130 psi) at 20°C (68°F)
Temperature Range (°C [°F]): -40°C to 80°C (-40°F to 176°F)
Bend Radius: 0.13" (3.3mm)
Wetted Materials: POE
Non-wetted Materials: POE
Durometer: 86 Shore A, compatible with green and blue dot fittings
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI, BPOG Tested, FDA 21 CFR 177.2600, California Prop.65 compliant, ISO 10993-5, ISO 10993-4
Other Technical Data: 30 Metre coil (100 Feet) of clear POE tubing with an internal diameter of 1/16" (1.6mm), an outside diameter of 1/8" (3.2mm) and a wall thickness of 1/32" (0.8mm), designed for use with barbed fittings.



CROSS SECTION OF HOSE

More from this range

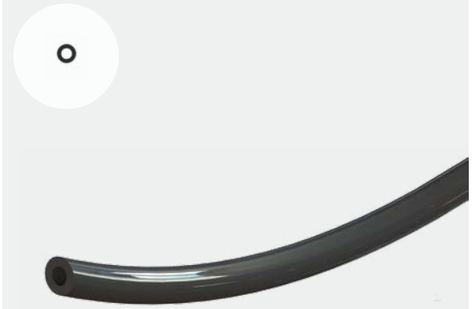
PART NUMBER	SIZE	DUROMETER	MATERIAL
E-T-160137	3/32" ID x 5/32" OD	86 Shore A	POE
E-T-160138	1/8" ID x 1/4" OD	86 Shore A	POE
E-T-160139	3/16" ID x 5/16" OD	86 Shore A	POE
E-T-160140	1/4" ID x 3/8" OD	86 Shore A	POE

E-T-160071

Black Linear Low Density Polyethylene (LLDPE) Tubing, 50 Shore D, 0.062" (1.6mm) ID x 1/8" (3.2mm) OD - 30M

View range

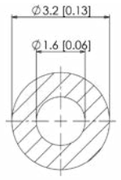
Actual Size



Contact us for more colour options

Technical Data

Working Pressure: 3:1 Safety Factor
Operating Range: 21.03 bar (305 psi) at 25°C (75°F)
8.27 bar (120 psi) at 65°C (150°F)
Temperature Range (°C [°F]): -40°C to 66°C (-40°F to 150°F)
Diameter Tolerance: ±0.004" (±0.10mm) ID/OD
Bend Radius: 1/2" (12.7mm)
Wetted Materials: Linear Low Density Polyethylene (LLDPE)
Non-wetted Materials: Linear Low Density Polyethylene (LLDPE)
Durometer: 50 Shore D, compatible with green dot fittings
RoHS/REACH Compliant: Yes
Regulatory Information: NSF 51, FDA 21 CFR 177.1520, California Prop.65 compliant
Other Technical Data: 30 Metre coil (100 Feet) of black colour Linear Low Density Polyethylene (LLDPE) tubing with an internal diameter of 0.062" (1.6mm), an outside diameter of 1/8" (3.2mm) and a wall thickness of 0.031" (0.8mm) suitable for use with push-in and compression style fittings.



CROSS SECTION OF HOSE

More from this range

PART NUMBER	SIZE	DUROMETER	MATERIAL
E-T-160074	0.106 ID x 5/32" OD	50 Shore D	LLDPE
E-T-160080	0.170 ID x 1/4" OD	50 Shore D	LLDPE
E-T-160077	5/32 ID x 0.236" OD	50 Shore D	LLDPE

E-T-190002

Natural Polyethylene Tubing, 75 Shore A, 1/8" (3.2mm) ID x 1/4" (6.4mm) OD - 100ft

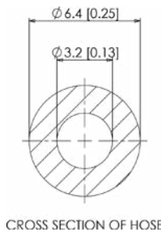
View range

Actual Size



Technical Data

Temperature Range: Depending on application, tubing will melt at 101°C (215°F)
Bend Radius: 0.85" (21.6mm)
Wetted Materials: Polyethylene
Non-wetted Materials: Polyethylene
Durometer: 75 Shore A, compatible with blue dot fittings
RoHS/REACH Compliant: Yes
Regulatory Information: California Prop.65 compliant
Other Technical Data: This tubing is ideally used in water management systems, brewery systems, home brewing systems, ink applications and many more.



CROSS SECTION OF HOSE

More from this range

PART NUMBER	SIZE	DUROMETER	MATERIAL
E-T-200002	1/16" ID x 1/8" OD	75 Shore A	Polyethylene
E-T-220029	3/32" ID x 5/32" OD	75 Shore A	Polyethylene
E-T-200009	1/4" ID x 3/8" OD	75 Shore A	Polyethylene

E-T-160057

Black Polyurethane Tubing, 85 Shore A, 0.066" (1.7mm) ID x 1/8" (3.2mm) OD Tube - 15M

View range

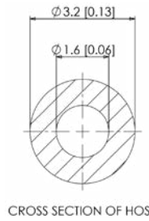
Actual Size



Technical Data

Working Pressure: 3:1 Safety Factor
Operating Range: 9.31 bar (135 psi) at 25°C (75°F)
3.79 bar (55 psi) at 65°C (150°F)
Temperature Range (°C [°F]): -40°C to 74°C (-40°F to 165°F)
Diameter Tolerance: ±0.005" (±0.127mm) ID/OD
Bend Radius: 3/16" (4.8mm)
Wetted Materials: Polyurethane
Non-wetted Materials: Polyurethane
Durometer: 85 Shore A, compatible with both green and blue dot fittings
RoHS/REACH Compliant: Yes
Regulatory Information: NSF 61, Meets UL 94HB Testing requirements, California Prop.65 compliant
Other Technical Data: Highly flexible 85A Polyurethane tubing with an internal diameter of 0.066" (1.7mm), an outside diameter of 1/8" (3.2mm) and a wall thickness of 0.030" (0.8mm) suitable for use with barb style fittings.

Contact us for more colour options



CROSS SECTION OF HOSE

More from this range

PART NUMBER	SIZE	DUROMETER	MATERIAL
E-T-160060	3/32" ID x 5/32" OD	85 Shore A	Black Polyurethane
E-T-160062	1/8" ID x 1/4" OD	85 Shore A	Black Polyurethane
E-T-160065	3/16" ID x 5/16" OD	85 Shore A	Black Polyurethane
E-T-160068	1/4" ID x 3/8" OD	85 Shore A	Black Polyurethane



Colour Options

Looking for something specific? A variety of our tubing is available in different colours.

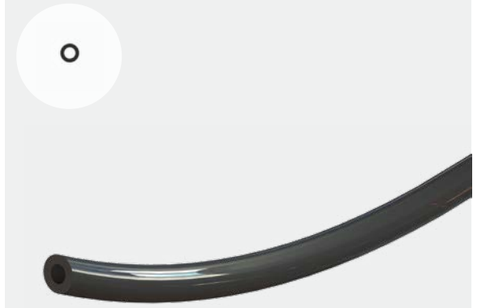
Contact us to find out more or view our full tubing range online.

E-T-160040

Black Polyurethane Tubing, 95 Shore A, 0.066" (1.7mm) ID x 1/8" (3.2mm) OD Tube - 15M

View range

Actual Size

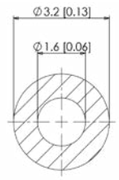


Technical Data

Working Pressure: 3:1 Safety Factor
Operating Range: 17.58 bar (255 psi) at 25°C (75°F)
6.89 bar (100 psi) at 65°C (150°F)
Temperature Range (°C [°F]): -40°C to 74°C (-40°F to 165°F)
Diameter Tolerance: ±0.005" (±0.127mm) ID/OD
Bend Radius: 1/4" (6.4mm)
Wetted Materials: Polyurethane
Non-wetted Materials: Polyurethane
Durometer: 95 Shore A, compatible with both green and blue dot fittings
RoHS/REACH Compliant: Yes
Regulatory Information: NSF 61, Meets UL 94HB Testing requirements, California Prop.65 compliant
Other Technical Data: Highly flexible 95A Polyurethane tubing with an internal diameter of 0.066" (1.7mm), an outside diameter of 1/8" (3.2mm) and a wall thickness of 0.030" (0.8mm) suitable for use with push-in, barb and poly tube finger tight style fittings.

Contact us for more colour options





CROSS SECTION OF HOSE

More from this range

PART NUMBER	SIZE	DUROMETER	MATERIAL
E-T-160038	0.071" ID x 0.118" OD	95 Shore A	Black Polyurethane
E-T-160043	3/32" ID x 5/32" OD	95 Shore A	Black Polyurethane
E-T-160046	0.107" ID x 3/16" OD	95 Shore A	Blue Polyurethane
E-T-160048	5/32" ID x 0.236" OD	95 Shore A	Black Polyurethane
E-T-160051	1/8" ID x 1/4" OD	95 Shore A	Black Polyurethane
E-T-160054	0.197" ID x 0.315" OD	95 Shore A	Black Polyurethane

E-T-160028

Natural Nylon Tubing, 115 Shore A, 0.071" (1.8mm) ID x 0.118" (3.0mm) OD - 30M

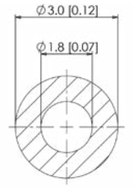
View range

Actual Size



Technical Data

Working Pressure: 4:1 Safety Factor
Operating Range: 28.27 bar (410 psi) at 25°C (75°F)
16.55 bar (240 psi) at 65°C (150°F)
Temperature Range (°C [°F]): -51°C to 93°C (-60°F to 200°F)
Diameter Tolerance: ±0.004" (±0.10mm) ID/OD
Bend Radius: 0.248" (6.3mm)
Wetted Materials: Nylon
Non-wetted Materials: Nylon
Durometer: 115 Shore A, compatible with green dot fittings
RoHS/REACH Compliant: Yes
Regulatory Information: Meets UL 94HB Testing requirements, California Prop.65 compliant
Other Technical Data: Nylon tubing with an internal diameter of 0.071" (1.8mm), an outside diameter of 0.118" (3.0mm) and a wall thickness of 0.024" (0.6mm) suitable for use with push-in and compression style fittings.



CROSS SECTION OF HOSE

More from this range

PART NUMBER	SIZE	DUROMETER	MATERIAL
E-T-160029	0.106" ID x 5/32" OD	115 Shore A	Black Nylon
E-T-160032	5/32" ID x 0.236" OD	115 Shore A	Black Nylon
E-T-160035	0.236" ID x 0.315" OD	115 Shore A	Black Nylon

E-T-160095

Clear Unreinforced PVC Tubing, 80 Shore A, 1/16" (1.6mm) ID x 1/8" (3.2mm) OD - 30M

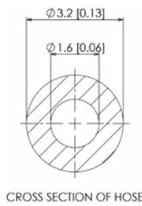
View range

Actual Size



Technical Data

Working Pressure: 3:1 Safety Factor
Operating Range: 10.00 bar (145 psi) at 25°C (75°F)
1.38 bar (20 psi) at 65°C (150°F)
Temperature Range (°C [°F]): -34°C to 65°C (-30°F to 150°F)
Diameter Tolerance: ±0.005" (±0.127mm) ID/OD
Bend Radius: 3/8" (9.5mm)
Wetted Materials: Non-Phthalate Polyvinyl Chloride (PVC)
Non-wetted Materials: Non-Phthalate Polyvinyl Chloride (PVC)
Durometer: 80 Shore A, compatible with blue dot fittings
RoHS/REACH Compliant: Yes
Regulatory Information: FDA 21 CFR for food contact, USP Class VI, California Prop.65 compliant
Other Technical Data: Clear colour Polyvinyl Chloride (PVC) tubing with an internal diameter of 1/16" (1.6mm), an outside diameter of 1/8" (3.2mm) and a wall thickness of 1/32" (0.8mm) suitable for use with push-in and compression style fittings.



CROSS SECTION OF HOSE

More from this range

PART NUMBER	SIZE	DUROMETER	MATERIAL
E-T-160096	1/8" ID x 1/4" OD	80 Shore A	PVC
E-T-160097	3/16" ID x 5/16" OD	80 Shore A	PVC
E-T-160098	1/4" ID x 3/8" OD	80 Shore A	PVC

E-T-160100

Translucent Platinum Cured Silicone Tubing, 60 Shore A, 1/16" (1.6mm) ID x 1/8" (3.2mm) OD - 25M

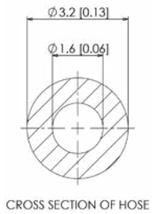
View range

Actual Size



Technical Data

Temperature Range (°C [°F]): -40°C to 200°C (-40°F to 392°F)
Diameter Tolerance: ±0.004" (±0.10mm) ID/OD
Wetted Materials: Platinum Cured Silicone
Non-wetted Materials: Platinum Cured Silicone
Durometer: 60 Shore A, compatible with blue dot fittings
RoHS/REACH Compliant: Yes
Regulatory Information: WRAS approval for hot and cold water, FDA 21 CFR 177.2600, BfR compliant, California Prop.65 compliant
Other Technical Data: 25 Metre coil (82 Feet) of translucent platinum cured Silicone tubing with an internal diameter of 1/16" (1.6mm), an outside diameter of 1/8" (3.2mm) and a wall thickness of 0.030" (0.8mm) suitable for use with barb style fittings.



CROSS SECTION OF HOSE

More from this range

PART NUMBER	SIZE	DUROMETER	MATERIAL
E-T-160102	1/16" ID x 3/16" OD	60 Shore A	Silicone
E-T-160104	3/32" ID x 5/32" OD	60 Shore A	Silicone
E-T-160106	1/8" ID x 3/16" OD	60 Shore A	Silicone
E-T-160108	1/8" ID x 1/4" OD	60 Shore A	Silicone



Did you know?

Soft silicone tubing on a barb needs a clip above about 0.5 bar; firmer PVC or PU tubing grips a rigid or multi-barb on its own.

E-T-160110

Translucent Platinum Cured Silicone Tubing, 60 Shore A, 5/32" (4.0mm) ID x 0.276" (7.0mm) OD - 25M

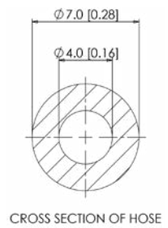
View range

Actual Size



Technical Data

Temperature Range (°C [°F]): -40°C to 200°C (-40°F to 392°F)
Diameter Tolerance: ±0.010" (±0.25mm) ID/±0.016" (±0.4mm) OD
Wetted Materials: Platinum Cured Silicone
Non-wetted Materials: Platinum Cured Silicone
Durometer: 60 Shore A, compatible with blue dot fittings
RoHS/REACH Compliant: Yes
Regulatory Information: WRAS approval for hot and cold water, FDA 21 CFR 177.2600, BfR compliant, California Prop.65 compliant
Other Technical Data: 25 Metre coil (82 Feet) of translucent platinum cured Silicone tubing with an internal diameter of 5/32" (4.0mm), an outside diameter of 0.276" (7.0mm) and a wall thickness of 0.059" (1.5mm) suitable for use with barb style fittings.



CROSS SECTION OF HOSE

More from this range

PART NUMBER	SIZE	DUROMETER	MATERIAL
E-T-160112	5/32" ID x 0.315" OD	60 Shore A	Silicone
E-T-160114	3/16" ID x 1/4" OD	60 Shore A	Silicone
E-T-160116	3/16" ID x 0.315" OD	60 Shore A	Silicone
E-T-160118	0.248" ID x 3/8" OD	60 Shore A	Silicone
E-T-160120	0.248" ID x 1/2" OD	60 Shore A	Silicone

E-T-160149

2 Way Multi-Colour Ribbon Tubing, 85 Shore A, 1/8" (3.2mm) ID x 1/4" (6.4mm) OD - 30M

View range

Actual Size



Technical Data

Working Pressure: 3:1 Safety Factor
Operating Range: 10.00 bar (145 psi) at 25°C (75°F)
Temperature Range (°C [°F]): -40°C to 73°C (-40°F to 165°F)
Diameter Tolerance: ±0.005" (±0.127mm) ID/OD
Bend Radius: 1/2" (12.7mm)
Wetted Materials: Polyurethane (Ether based)
Non-wetted Materials: Polyurethane (Ether based)
Durometer: 85 Shore A, compatible with both green and blue dot fittings
RoHS/REACH Compliant: Yes
Regulatory Information: NSF 61, USP Class VI, Meets UL 94HB Testing requirements, California Prop.65 compliant
Other Technical Data: 30 Metre coil (100 Feet) of Ether based UV stabilised Fre-Thane® 85A Polyurethane 2 way multi-colour ribbon tubing (black & natural) with an internal diameter of 1/8" (3.2mm), an outside diameter of 1/4" (6.4mm) and a wall thickness of 1/16" (1.6mm) suitable for use with push-in and compression style fittings.



CROSS SECTION OF HOSE

More from this range

PART NUMBER	SIZE	DUROMETER	MATERIAL
E-T-160150	2 Way Ribbon - 10m	85 Shore A	Multi-Colour Polyurethane
E-T-160152	4 Way Ribbon - 10m	85 Shore A	Multi-Colour Polyurethane
E-T-160154	6 Way Ribbon - 10m	85 Shore A	Multi-Colour Polyurethane
E-T-160156	8 Way Ribbon - 10m	85 Shore A	Multi-Colour Polyurethane
E-T-160151	4 Way Ribbon - 30m	85 Shore A	Multi-Colour Polyurethane
E-T-160153	6 Way Ribbon - 30m	85 Shore A	Multi-Colour Polyurethane
E-T-160155	8 Way Ribbon - 30m	85 Shore A	Multi-Colour Polyurethane



Connect More. Confuse Less.

Multi-Colour Polyurethane ribbon tubing is specifically designed for multiple connections. Colour-coded lines make for easy identification.

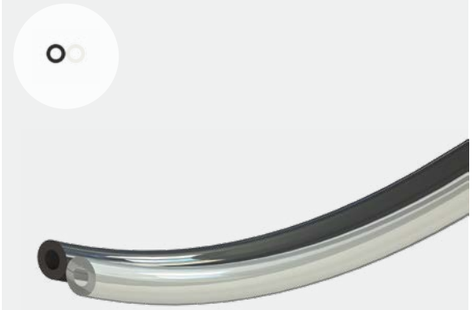
Discover our full range of tubing online.

E-T-160141

2 Way Multi-Colour Ribbon Tubing, 85 Shore A, 0.066" (1.7mm) ID x 1/8" (3.2mm) OD - 30M

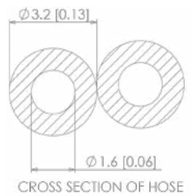
View range

Actual Size



Technical Data

Working Pressure: 3:1 Safety Factor
Operating Range: 9.3 bar (135 psi) at 25°C (75°F)
Temperature Range (°C [°F]): -40°C to 73°C (-40°F to 165°F)
Diameter Tolerance: ±0.005" (±0.127mm) ID/OD
Bend Radius: 3/16" (4.8mm)
Wetted Materials: Polyurethane (Ether based)
Non-wetted Materials: Polyurethane (Ether based)
Durometer: 85 Shore A, compatible with both green and blue dot fittings
RoHS/REACH Compliant: Yes
Regulatory Information: NSF 61, USP Class VI, Meets UL 94HB Testing requirements, California Prop.65 compliant
Other Technical Data: 30 Metre coil (100 Feet) of Ether based UV stabilised Fre-Thane® 85A Polyurethane 2 way multi colour ribbon tubing (black & natural) with an internal diameter of 0.066" (1.7mm), an outside diameter of 1/8" (3.2mm) and a wall thickness of 0.030" (0.8mm) suitable for use with push-in and compression style fittings.



More from this range

PART NUMBER	SIZE	DUROMETER	MATERIAL
E-T-160142	2 Way Ribbon - 10m	85 Shore A	Multi-Colour Polyurethane
E-T-160144	4 Way Ribbon - 10m	85 Shore A	Multi-Colour Polyurethane
E-T-160146	6 Way Ribbon - 10m	85 Shore A	Multi-Colour Polyurethane
E-T-160148	8 Way Ribbon - 10m	85 Shore A	Multi-Colour Polyurethane
E-T-160143	4 Way Ribbon - 30m	85 Shore A	Multi-Colour Polyurethane
E-T-160145	6 Way Ribbon - 30m	85 Shore A	Multi-Colour Polyurethane
E-T-160147	8 Way Ribbon - 30m	85 Shore A	Multi-Colour Polyurethane

E-T-220011

304 Stainless Steel Single Ear Clamp with Insert, 2.9mm to 3.7mm OD Tube

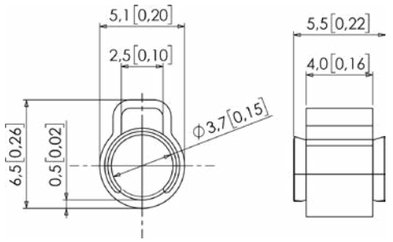
View range

Actual Size



Technical Data

Connection: 2.9mm to 3.7mm OD Tube
Mounting Style: In-line
Non-wetted Materials: 304 Stainless Steel, 301 Stainless Steel
RoHS/REACH Compliant: Yes
Cleanroom Manufactured: No
Other Technical Data: A 304 Stainless Steel clamp with single side ear and 301 Stainless Steel insert. Ideally use for 2.9mm to 3.7mm OD tube. Maximum closing force 1500N. Do not apply secondary crimping force.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-T-220012	3.7mm x 4.7mm OD	In-line	304 Stainless Steel
E-T-220013	4.7mm x 5.7mm OD	In-line	304 Stainless Steel
E-T-220014	5.9mm x 7.0mm OD	In-line	304 Stainless Steel
E-T-220015	7.0mm x 8.5mm OD	In-line	304 Stainless Steel
E-T-220016	8.5mm x 10.0mm OD	In-line	304 Stainless Steel
E-T-220017	9.5mm x 11.5mm OD	In-line	304 Stainless Steel
E-T-220018	11.1mm x 13.1mm OD	In-line	304 Stainless Steel
E-T-220012	13.2mm x 15.8mm OD	In-line	304 Stainless Steel
E-T-220019	14.6mm x 16.8mm OD	In-line	304 Stainless Steel

E-T-190051

Micro Tubing Clamp, Red Polypropylene

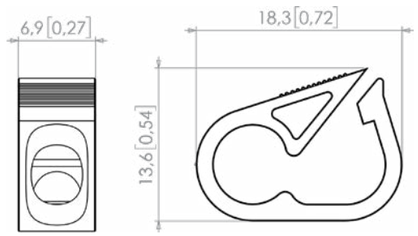
View range

Actual Size



Technical Data

Mounting Style: In-line
Material: Polypropylene
Number of Positions: 1
Tubing Max OD: 4.06mm (0.160")
RoHS/REACH Compliant: Yes
Other Technical Data: A red Polypropylene micro tubing clamp designed for on/off control of air, easily operated with one hand and economically priced for disposable applications. All plastic materials are Latex-free. Clamps are precision moulded in a variety of materials to suit your sterilisation needs.

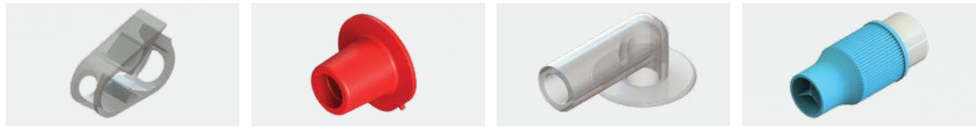


More from this range

PART NUMBER	STYLE	MATERIAL
E-T-190050	In-line	Blue Polypropylene
E-T-190052	In-line	White Polypropylene

More materials and sizes available online

Tubing Accessories



View our full range of tubing accessories online

E-T-240006

Blue Polyketone Tubing Retainer for 1/4" (6.4mm) to 7/16" (11.1mm) OD Tube

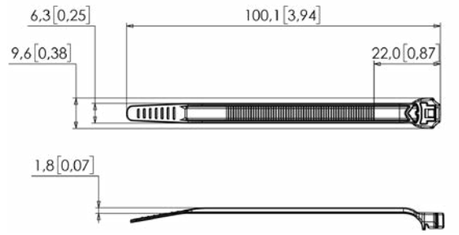
View range

Actual Size



Technical Data

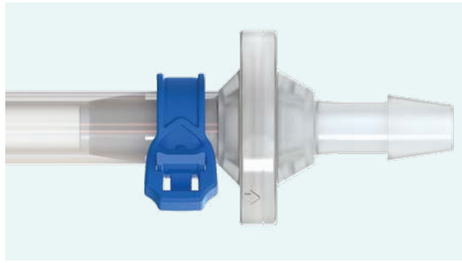
Connection: 1/4" (6.4mm) to 7/16" (11.1mm) OD Tube
Mounting Style: In-line
Non-wetted Materials: Polyketone
RoHS/REACH Compliant: Yes
Regulatory Information: FDA, NSF 51 & 61, USP Class VI, ISO 10993, WRAS, ACS, KTW/W270
Cleanroom Manufactured: Class 8 cleanroom
Other Technical Data: Blue tubing retainer with Polyketone body to use for 1/4" (6.4mm) to 7/16" (11.1mm) OD tube. Compatible with gamma radiation sterilisation up to 50 kGy, autoclave sterilisation up to 121°C (250°F) and X-ray sterilisation up to 50 kGy. This tubing retainer provides complete 360 degree compression for leak prevention and can withstand pressure up to 60 to 80 psi.



More from this range

PART NUMBER	STYLE	MATERIAL
E-T-240007	In-line	Polyketone
E-T-240008	In-line	Polyketone

Tubing Retainers



Tubing retainers ensure a **secure, leak-free connectio**n between tubing and hose barbs, particularly in medical and biopharmaceutical applications.

- 360° compression
- Suitable for high-pressure applications
- Sterilisation compatible
- Cleanroom manufactured
- Easy to assemble

E-Q-160171

500ml Media Bag with Shut Off Plug Pouch Fitment, Acetal/Polypropylene, Valved

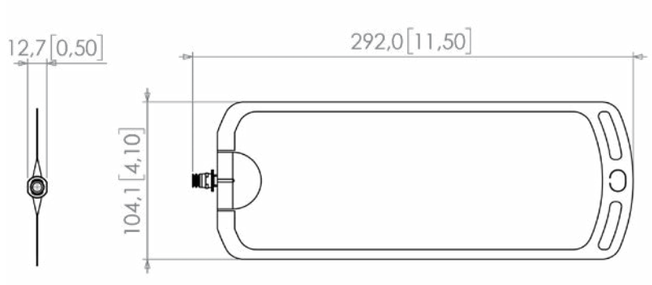
View range

Actual Size



Technical Data

Max. Inlet Pressure: 0.69 bar (10 psi)
Connection: To mating Socket Connector
Mounting Style: In-line
Wetted Materials: Polypropylene, Acetal, Buna-N, 316 Stainless Steel
Non-wetted Materials: Polyester, Nylon
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes



More from this range

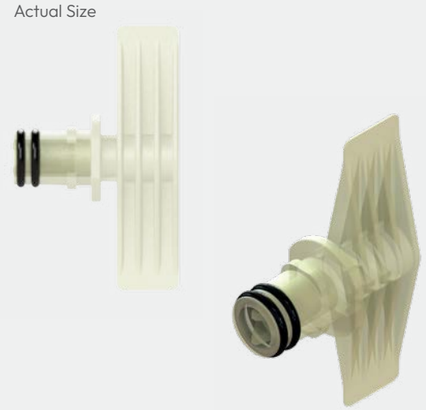
PART NUMBER	SIZE	STYLE	MATERIAL
E-Q-160173	250ml	In-line, with Male Shut Off	Acetal/Polypropylene
E-Q-160172	250ml	In-line, with Female Shut Off	Acetal/Polypropylene
E-Q-160178	500ml	In-line, with Female Shut Off	Acetal/Polypropylene
E-Q-160174	1.5L	In-line, with Male Shut Off	Acetal/Polypropylene
E-Q-160175	1.5L	In-line, with Female Shut Off	Acetal/Polypropylene
E-Q-160177	3L	In-line, with Male Shut Off	Acetal/Polypropylene
E-Q-160176	3L	In-line, with Female Shut Off	Acetal/Polypropylene

E-Q-160166

1/4 Turn Polyethylene Plug Pouch Fitment, Buna-N (Nitrile) Seal, Valved

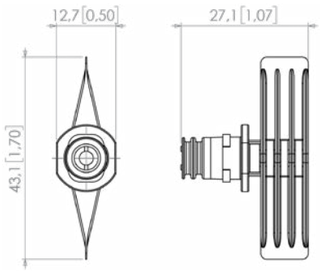
View range

Actual Size



Technical Data

Max. Inlet Pressure: 3.45 bar (50 psi)
Connection 1: To mating Media Bag
Connection 2: To mating Socket Connector
Mounting Style: In-line
Wetted Materials: Polyethylene, Acetal, Buna-N (Nitrile), 316 Stainless Steel
Non-wetted Materials: Polyethylene
Media/Ambient Temperature: 27°C (80°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: 1/4 turn Polyethylene quick connect plug pouch fitment with Acetal valve, 316 Stainless Steel spring and Buna-N (Nitrile) seal. Designed for a connection into media bag environment.



More from this range

PART NUMBER	STYLE	MATERIAL
E-Q-160160	In-line, Shut-Off Female	Acetal/Polyethylene
E-Q-160165	In-line, Shut-Off Male	Acetal/Polypropylene
E-Q-160159	In-line, Shut-Off Female	Acetal/Polypropylene



Key

SIZE GUIDE	
Q1	1/16" Flow
Q2	1/16" Flow
Q3	1/16" Flow
Q4	3/32" Flow
Q5	3/32" Flow
Q6	1/8" Flow

5 **ISO 80369-5**
Certified to ISO 80369-5 standard



Denotes valved option. Allows flow in both directions once connected.



Thumb Latch

Mechanical latch design enables quick one-handed connection/disconnection.

Pages 110-136



Twist Lock

Require two-handed operation to prevent accidental disconnection.

Pages 137-147



Blood Pressure

ISO 80369-5 compliant male connects with other couplings designed to this standard.

Pages 148-150



Sliding Collar

These sliding collar couplings can be connected with one hand by way of a sliding collar.

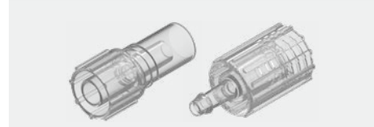
Pages 151-155



Multiple Bulkhead

Multi line connectors with keyed design to prevent misconnection.

Pages 156-157



High-Flow Shielded Connectors

Large-bore connectors offering high-flow with protective shields to prevent touch contamination.

Pages 158-159

Couplings

Designed for changing out lines quickly and easily, couplings are made to be connected and disconnected with ease, without the use of tools or loss of product.

Coupling specification options include selectable mounting type and connection type with many of our couplings range available with valved and non-valved flow control.

Each thumb latch coupling comes with a “Q” rating, which is indicative of the flow size. These can be interchanged with other similar couplings on the market that share the same Q series. See key above for flow size guide.

Key Features

- Ease of connection and disconnection
- RoHS and REACH compliant
- Cost-effective options
- Multiple material options

Typical Applications

- Bioprocessing
- Biomedicine
- Industrial
- Pneumatics

Material Options

- ABS
- Acetal
- Nylon
- Polycarbonate
- Polypropylene
- Aluminium
- Natural Brass
- Chrome Plated Brass
- Stainless Steel

E-Q2-SB-1-316

316 Stainless Steel Socket Coupling, 1/8" (3.2mm) ID Tube, Non-Valved, 1/8" Flow - Q2 Series

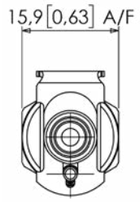
View range

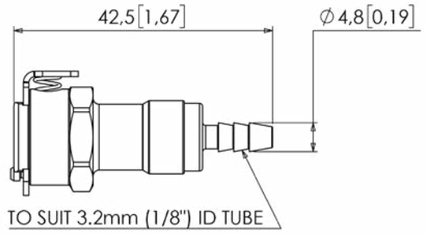
Actual Size



Technical Data

Max. Inlet Pressure: 8.3 Bar (120 psi)
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: To mating Q2 Plug Connector
Mounting Style: In-line
Wetted Materials: 316 Stainless Steel
Non-wetted Materials: 316 Stainless Steel
Media/Ambient Temperature: -15°C to 200°C (5°F to 392°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Connects with other Q2 Couplings. This product is interchangeable with other thumb latch quick release couplings of the same size and style. This socket is suitable to use with non-valve plug only. Suitable for bi-directional flow.





Connects with Q2 Series

Also available:

E-Q2-SPM-1-316 - 1/8" Panel Mount

Q2 Series

Can't quite find the product you're looking for? Our range of Q2 Series couplings comes in a variety of different mounting styles, sizes and materials. Scan the QR code to see more.






Explore our full Q2 series thumb latch range online

E-Q2-PB-1-316-V

316 Stainless Steel Plug Coupling, Viton (FKM) Seal, 1/8" (3.2mm) ID Tube, Non-Valved, 1/8" Flow - Q2 Series

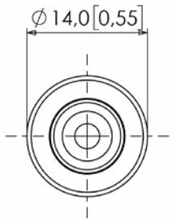
View range

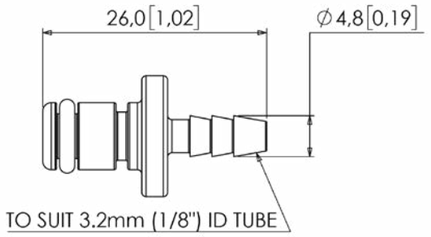
Actual Size



Technical Data

Max. Inlet Pressure: 8.3 Bar (120 psi)
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: To mating Q2 Socket Connector
Mounting Style: In-line
Wetted Materials: 316 Stainless Steel, Viton (FKM)
Non-wetted Materials: 316 Stainless Steel
Media/Ambient Temperature: -15°C to 200°C (5°F to 392°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Connects with other Q2 Couplings. This product is interchangeable with other thumb latch quick release couplings of the same size and style. Suitable for bi-directional flow. EPDM and Silicone seal available.





More from this range

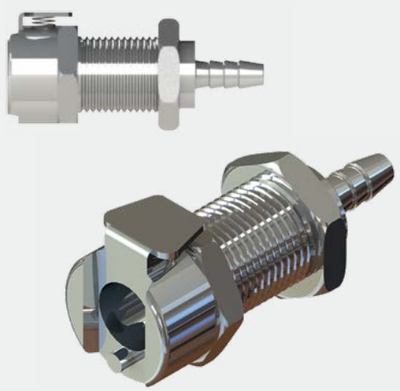
PART NUMBER	SIZE	STYLE	MATERIAL
E-Q2-PPM-1-316-V	1/8" ID	Panel Mount	316 Stainless Steel
E-Q2-PB-3-316-V	1/4" ID	In-line	316 Stainless Steel

E-Q-160600

Chrome Plated Brass Panel Mount Socket Coupling, 1/8" (3.2mm) ID Tube, Non-Valved, 1/8" Flow - Q2 Series

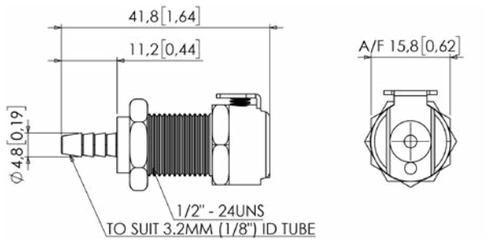
View range

Actual Size



Technical Data

Max. Inlet Pressure: 17.3 Bar (250 psi)
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: To mating Q2 Plug Connector
Mounting Style: Panel Mount
Wetted Materials: Chrome Plated Brass
Non-wetted Materials: Chrome Plated Brass, Stainless Steel, Electroless Nickel Plated Brass
Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Finished with chrome plating for improved durability and corrosion resistance. Chrome plating requires an electroless nickel step first in order for the chrome to adhere to the brass. Connects with other Q2 Couplings. Suitable for bi-directional flow.



Connects with Q2 Series

Also available:

E-Q-160593 - 1/8" NPT

Need an ISO standard luer?

TWG offers a wide range of Plastic and Metal Luers - commonly used in the Medical and Pharmaceutical markets where a valved connector is not required. The Luer taper is a standardised system of small scale fluid fittings used for making leak-free connections between a male taper fitting and the mating female connection which are typically used in medical and laboratory instruments, including hypodermic syringe tips, needles or stopcocks.



Explore our ISO 80369 range online

E-Q-160623

Chrome Plated Brass Plug Coupling, Buna-N (Nitrile) Seal, 1/8" NPT Male Thread, Non-Valved, 1/8" Flow - Q2 Series

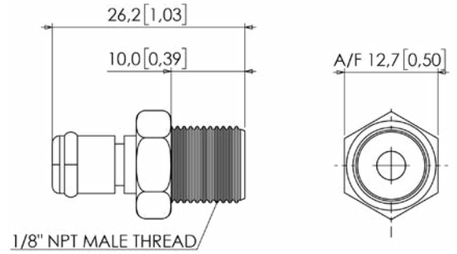
View range

Actual Size



Technical Data

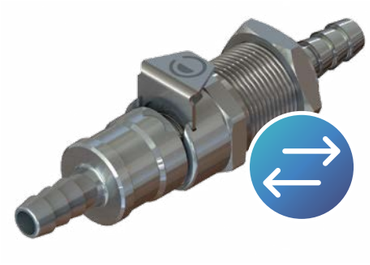
Max. Inlet Pressure: 17.3 Bar (250 psi)
Connection 1: 1/8" NPT Male Thread
Connection 2: To mating Q2 Socket Connector
Mounting Style: Threaded
Wetted Materials: Chrome Plated Brass, Buna-N (Nitrile)
Non-wetted Materials: Chrome Plated Brass
Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Finished with chrome plating for improved durability and corrosion resistance. Chrome plating requires an electroless nickel step first in order for the chrome to adhere to the brass. Connects with other Q2 Couplings. Suitable for bi-directional flow.



Connects with Q2 Series

Also available:

E-Q-160629 - 1/8" Panel Mount



Interchangeable

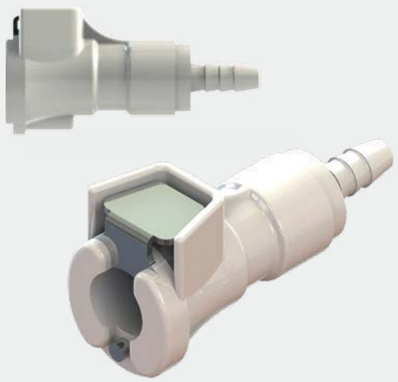
These products are guaranteed to interconnect with all pre-existing industry standard interchangeable thumb latch quick release couplings of the same size and style.

E-Q-160399

Acetal Socket Coupling, 1/8" (3.2mm) ID Tube, Non-Valved, 1/8" Flow - Q2 Series

View range

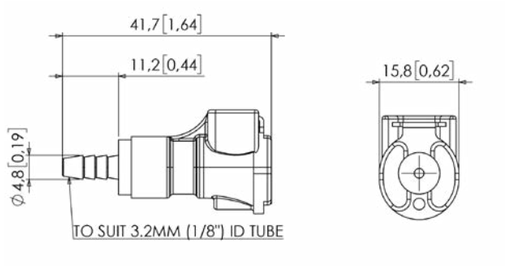
Actual Size



Connects with Q2 Series

Technical Data

Max. Inlet Pressure: 8.3 bar (120 psi)
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: To mating Q2 Plug Connector
Mounting Style: In-line
Wetted Materials: Acetal
Non-wetted Materials: Acetal, Stainless Steel
Media/Ambient Temperature: -40°C to 82°C (-40 to 180°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Connects with Q2 Series. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb latch quick release couplings of the same size and style. Suitable for bi-directional flow.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-Q-160403	1/8" ID	Panel Mount	Acetal
E-Q-160394	1/8" NPT	Threaded	Acetal

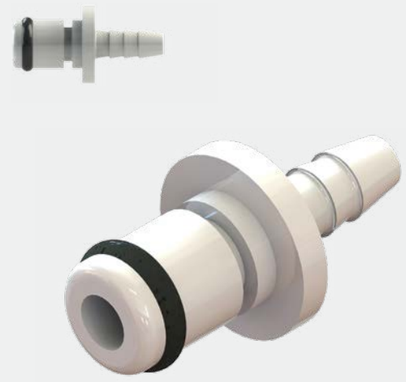
More sizes and styles available online

E-Q-160433

Acetal Plug Coupling, Buna-N Seal, 1/8" (3.2mm) ID Tube, Non-Valved, 1/8" Flow - Q2 Series

View range

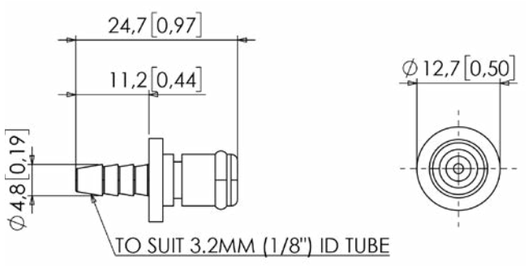
Actual Size



Connects with Q2 Series

Technical Data

Max. Inlet Pressure: 8.3 bar (120 psi)
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: To mating Q2 Socket Connector
Mounting Style: In-line
Wetted Materials: Acetal, Buna-N
Non-wetted Materials: Acetal
Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Connects with Q2 Series. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb latch quick release couplings of the same size and style. Suitable for bi-directional flow.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-Q-160437	1/8" ID	Panel Mount	Acetal
E-Q-160428	1/8" NPT	Threaded	Acetal

More sizes and styles available online

E-Q2V-SB-1-316-V

316 Stainless Steel Socket Coupling, Viton (FKM) Seal, 1/8" (3.2mm) ID Tube, Valved, 1/8" Flow - Q2 Series

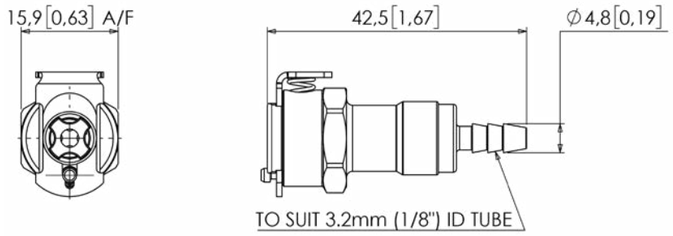
View range

Actual Size



Technical Data

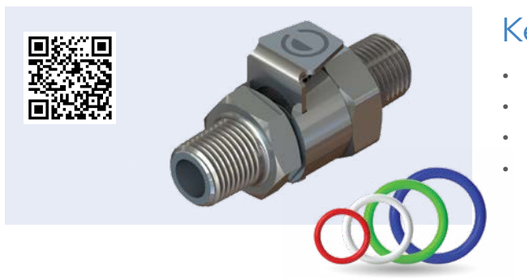
Max. Inlet Pressure: 8.3 Bar (120 psi)
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: To mating Q2 Plug Connector
Mounting Style: In-line
Wetted Materials: 316 Stainless Steel, Viton (FKM)
Non-wetted Materials: 316 Stainless Steel
Media/Ambient Temperature: -15°C to 200°C (5°F to 392°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Connects with other Q2 Couplings. This product is interchangeable with other thumb latch quick release couplings of the same size and style. Suitable for bi-directional flow. EPDM and Silicone seal available.



Connects with Q2 Series

Also available:
E-Q2V-SPM-1-316-V - 1/8" Panel Mount

Customise your EQC Series Coupling



Key features include:

- 316 Stainless Steel Body
- 316 Stainless Steel Springs
- 316 Stainless Steel Poppet (valved option only)
- O-ring – Viton (Silicone, FKM, EPDM available on request. Available in various colours).

E-Q2V-PB-1-316-V

316 Stainless Steel Plug Coupling, Viton (FKM) Seal, 1/8" (3.2mm) ID Tube, Valved, 1/8" Flow - Q2 Series

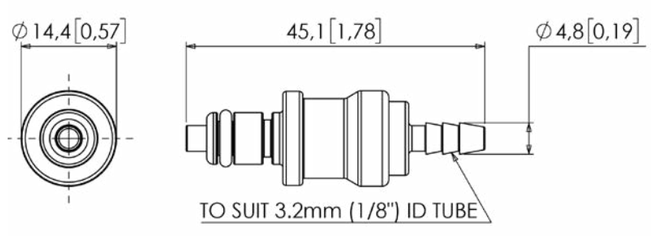
View range

Actual Size



Technical Data

Max. Inlet Pressure: 8.3 Bar (120 psi)
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: To mating Q2 Socket Connector
Mounting Style: In-line
Wetted Materials: 316 Stainless Steel, Viton (FKM)
Non-wetted Materials: 316 Stainless Steel
Media/Ambient Temperature: -15°C to 200°C (5°F to 392°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Connects with other Q2 Couplings.This product is interchangeable with other thumb latch quick release couplings of the same size and style. Suitable for bi-directional flow. EPDM and Silicone seal available.



Connects with Q2 Series

Also available:
E-Q2V-PPM-1-316-V - 1/8" Panel Mount

E-Q2-PMN-316

316 Stainless Steel Q2 Series Panel Mount Nut, 1/2"-24 UNS Thread

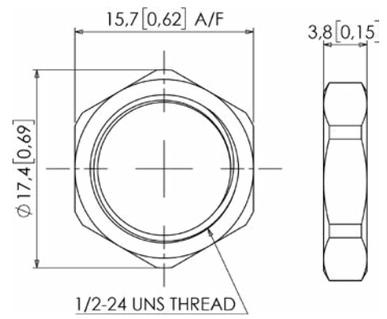
View range

Actual Size



Technical Data

Connection 1: 1/2"-24 UNS Thread
Mounting Style: Panel Mount
Non-wetted Materials: 316 Stainless Steel
RoHS/REACH Compliant: Yes
Other Technical Data: A 316 Stainless Steel panel mount lock nut with 1/2" 24 UNS thread and 5/8" hex body, designed for use with our Q2 series coupling.



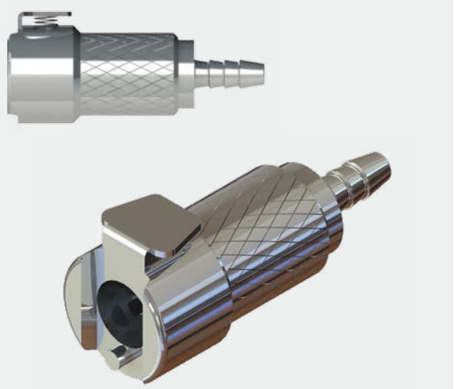
Connects with Q2 Series

E-Q-160612

Chrome Plated Brass Socket Coupling, Buna-N (Nitrile) Seal, 1/8" (3.2mm) ID Tube, Valved, 1/8" Flow - Q2 Series

View range

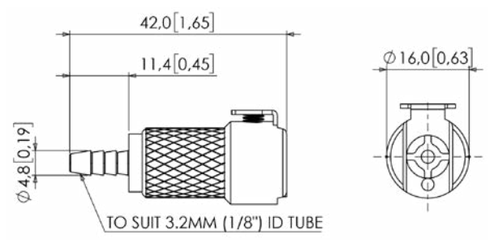
Actual Size



Connects with Q2 Series

Technical Data

Max. Inlet Pressure: 17.3 Bar (250 psi)
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: To mating Q2 Plug Connector
Mounting Style: In-line
Wetted Materials: Chrome Plated Brass, Buna-N (Nitrile), Acetal, 316 Stainless Steel
Non-wetted Materials: Chrome Plated Brass, Stainless Steel
Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Finished with chrome plating for improved durability and corrosion resistance. Chrome plating requires an electroless nickel step first in order for the chrome to adhere to the brass. Connects with other Q2 Couplings. Suitable for bi-directional flow.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-Q-160615	1/8" ID	Panel Mount	Chrome Plated Brass
E-Q-160608	1/8" NPT	Threaded	Chrome Plated Brass

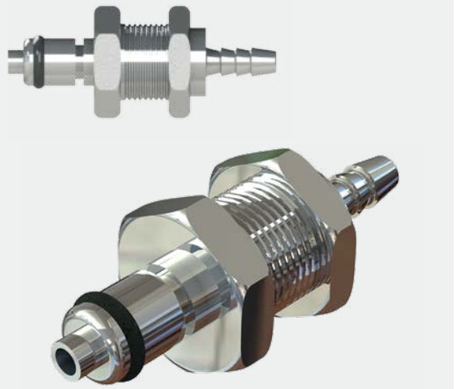
More sizes and styles available online

E-Q-160647

Chrome Plated Brass Panel Mount Plug Coupling, Buna-N (Nitrile) Seal, 1/8" (3.2mm) ID Tube, Valved, 1/8" Flow - Q2 Series

View range

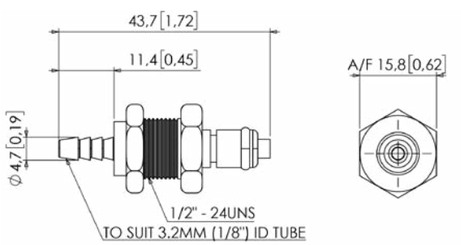
Actual Size



Connects with Q2 Series

Technical Data

Max. Inlet Pressure: 17.3 Bar (250 psi)
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: To mating Q2 Socket Connector
Mounting Style: Panel Mount
Wetted Materials: Chrome Plated Brass, Buna-N (Nitrile), Acetal, 316 Stainless Steel
Non-wetted Materials: Chrome Plated Brass
Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Finished with chrome plating for improved durability and corrosion resistance. Chrome plating requires an electroless nickel step first in order for the chrome to adhere to the brass. Connects with other Q2 Couplings. Suitable for bi-directional flow.





Need a different mounting style?

A variety of our Q2 and Q4 Series plastic and metal couplings come with panel mount and threaded options.

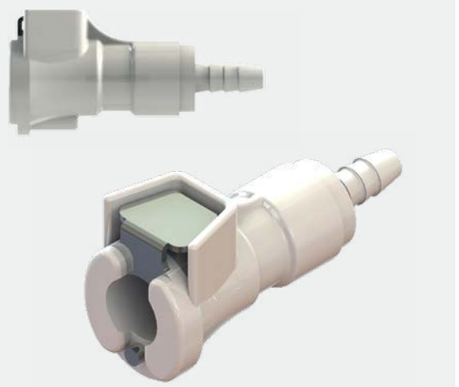
Contact us for more information.

E-Q-160416

Acetal Socket Coupling, Buna-N Seal, 1/8" (3.2mm) ID Tube, Valved, 1/8" Flow - Q2 Series

View range

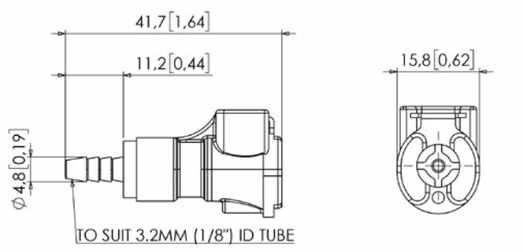
Actual Size



Connects with Q2 Series

Technical Data

Max. Inlet Pressure: 8.3 bar (120 psi)
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: To mating Q2 Plug Connector
Mounting Style: In-line
Wetted Materials: Acetal, 316 Stainless Steel, Buna-N
Non-wetted Materials: Acetal, Stainless Steel
Media/Ambient Temperature: -40°C to 82°C (-40 to 180°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Connects with Q2 Series. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb latch quick release couplings of the same size and style. Suitable for bi-directional flow.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-Q-160420	1/8" ID	Panel Mount	Acetal
E-Q-160411	1/8" NPT	Threaded	Acetal

More sizes and styles available online

Need a custom coupling?



Custom made components designed by our in-house team to meet your specific requirements including connection, material and performance options as well as multiple connection configurations.

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E-Q-160452

Acetal Plug Coupling, Buna-N Seal, 1/8" (3.2mm) ID Tube, Valved, 1/8" Flow - Q2 Series

View range

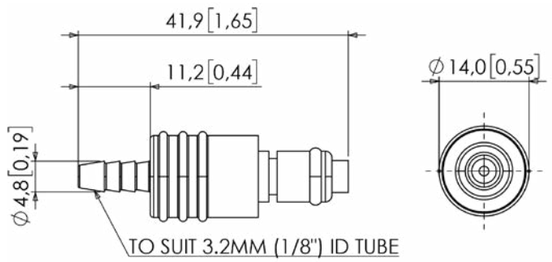
Actual Size



Connects with Q2 Series

Technical Data

Max. Inlet Pressure: 8.3 bar (120 psi)
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: To mating Q2 Socket Connector
Mounting Style: In-line
Wetted Materials: Acetal, 316 Stainless Steel, Buna-N
Non-wetted Materials: Acetal
Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Connects with Q2 Series. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb latch quick release couplings of the same size and style. Suitable for bi-directional flow.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-Q-160456	1/8" ID	Panel Mount	Acetal
E-Q-160447	1/8" NPT	Threaded	Acetal

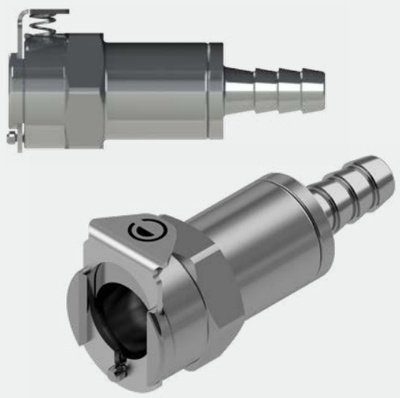
More sizes and styles available online

E-Q4-SB-3-316

316 Stainless Steel Socket Coupling, 1/4" (6.4mm) ID Tube, Non-Valved, 1/4" Flow - Q4 Series

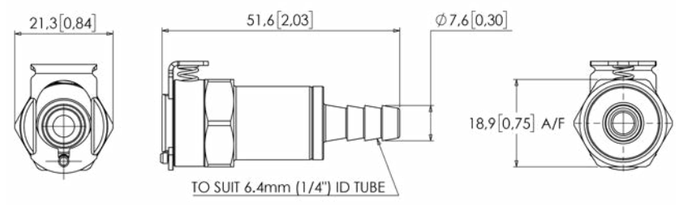
View range

Actual Size



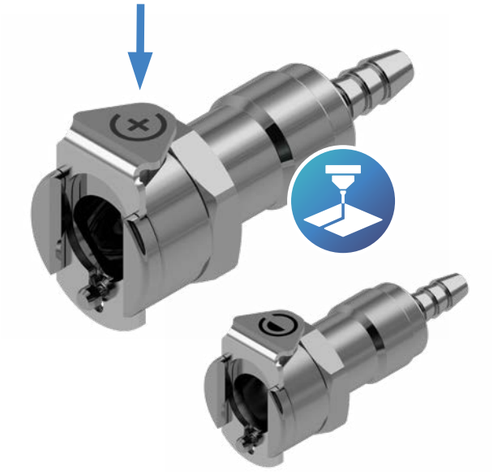
Technical Data

Max. Inlet Pressure: 8.3 Bar (120 psi)
Connection 1: 1/4" (6.4mm) ID Tube
Connection 2: To mating Q4 Plug Connector
Mounting Style: In-line
Wetted Materials: 316 Stainless Steel
Non-wetted Materials: 316 Stainless Steel
Media/Ambient Temperature: -15°C to 200°C (5°F to 392°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Connects with other Q4 Couplings. This product is interchangeable with other thumb latch quick release couplings of the same size and style. This socket is suitable to use with non-valve plug only. Suitable for bi-directional flow.



Connects with Q4 Series

Also available:
E-Q4-SPM-3-316 - 1/4" Panel Mount



Need custom laser marking?

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Contact us for more information.

E-Q4-PB-3-316-V

316 Stainless Steel Plug Coupling, Viton (FKM) Seal, 1/4" (6.4mm) ID Tube, Non-Valved, 1/4" Flow - Q4 Series

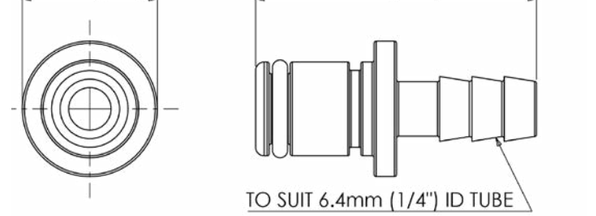
View range

Actual Size



Technical Data

Max. Inlet Pressure: 8.3 Bar (120 psi)
Connection 1: 1/4" (6.4mm) ID Tube
Connection 2: To mating Q4 Socket Connector
Mounting Style: In-line
Wetted Materials: 316 Stainless Steel, Viton (FKM)
Non-wetted Materials: 316 Stainless Steel
Media/Ambient Temperature: -15°C to 200°C (5°F to 392°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Connects with other Q4 Couplings. This product is interchangeable with other thumb latch quick release couplings of the same size and style. Suitable for bi-directional flow. EPDM and Silicone seal available.



Connects with Q4 Series

Also available:
E-Q4-PPM-3-316-V - 1/4" Panel Mount

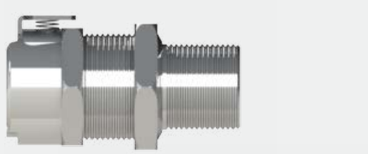
Contact: +44 (0)23 9226 6031 | sales@westgroup.co.uk | westgroup.co.uk

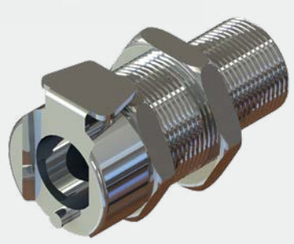
E-Q-160663

Chrome Plated Brass Panel Mount Socket Coupling, 1/4" NPT Male Thread, Non-Valved, 1/4" Flow - Q4 Series

View range

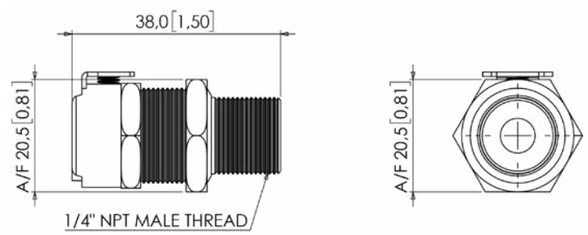
Actual Size





Technical Data

Max. Inlet Pressure: 17.3 Bar (250 psi)
Connection 1: To mating Q4 Plug Connector
Connection 2: 1/4" NPT Male Thread
Mounting Style: Panel Mount
Wetted Materials: Chrome Plated Brass
Non-wetted Materials: Chrome Plated Brass, Stainless Steel, Electroless Nickel Plated Brass
Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Finished with chrome plating for improved durability and corrosion resistance. Chrome plating requires an electroless nickel step first in order for the chrome to adhere to the brass. Connects with other Q4 Couplings. Suitable for bi-directional flow.



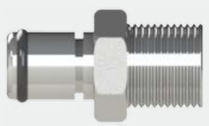
Connects with Q4 Series

E-Q-160673

Chrome Plated Brass Plug Coupling, Buna-N (Nitrile) Seal, 1/4" NPT Male Thread, Non-Valved, 1/4" Flow - Q4 Series

View range

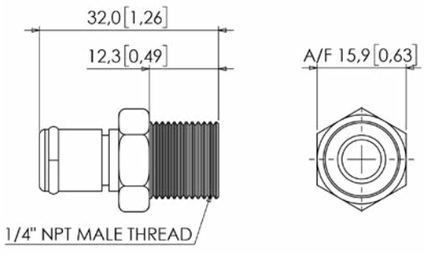
Actual Size





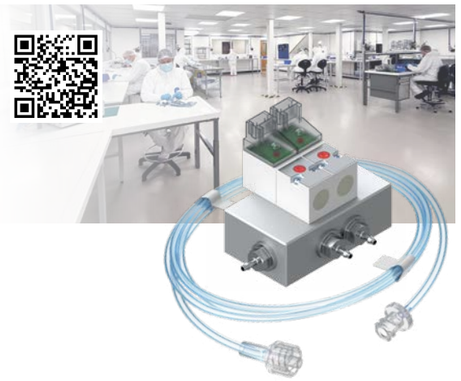
Technical Data

Max. Inlet Pressure: 17.3 Bar (250 psi)
Connection 1: 1/4" NPT Male Thread
Connection 2: To mating Q4 Socket Connector
Mounting Style: Threaded
Wetted Materials: Chrome Plated Brass, Buna-N (Nitrile)
Non-wetted Materials: Chrome Plated Brass
Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Finished with chrome plating for improved durability and corrosion resistance. Chrome plating requires an electroless nickel step first in order for the chrome to adhere to the brass. Connects with other Q4 Couplings. Suitable for bi-directional flow.



Connects with Q4 Series

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Interchangeable

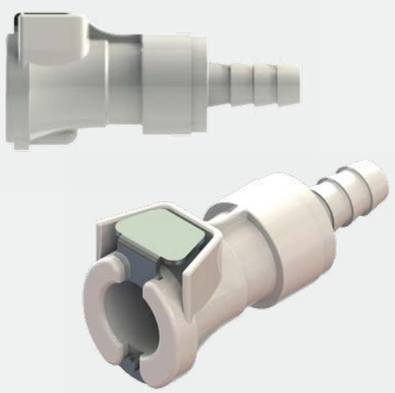
These products are guaranteed to interconnect with all pre-existing industry standard interchangeable thumb latch quick release couplings of the same size and style.

E-Q-160503

Acetal Socket Coupling, 1/4" (6.4mm) ID Tube, Non-Valved, 1/4" Flow - Q4 Series

View range

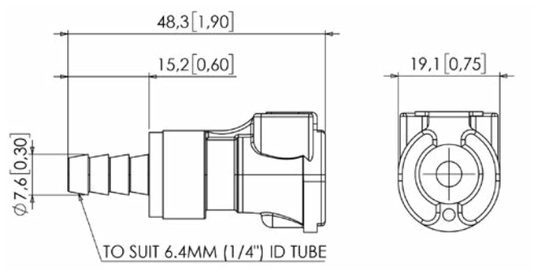
Actual Size



Connects with Q4 Series

Technical Data

Max. Inlet Pressure: 8.3 bar (120 psi)
Connection 1: 1/4" (6.4mm) ID Tube
Connection 2: To mating Q4 Plug Connector
Mounting Style: In-line
Wetted Materials: Acetal
Non-wetted Materials: Acetal, Stainless Steel
Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Connects with Q4 Series. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb latch quick release couplings of the same size and style.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-Q-160504	1/4" ID	Panel Mount	Acetal
E-Q-160501	1/4" NPT	Threaded	Acetal

More sizes and styles available online

E-Q-160519

Acetal Plug Coupling, Buna-N Seal, 1/4" (6.4mm) ID Tube, Non-Valved, 1/4" Flow - Q4 Series

View range

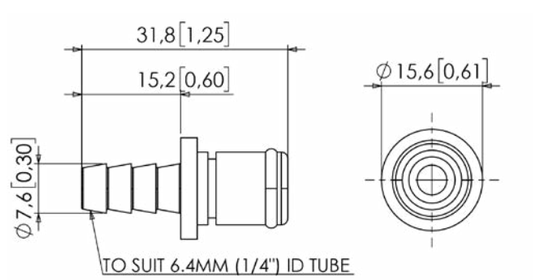
Actual Size



Connects with Q4 Series

Technical Data

Max. Inlet Pressure: 8.3 bar (120 psi)
Connection 1: 1/4" (6.4mm) ID Tube
Connection 2: To mating Q4 Socket Connector
Mounting Style: In-line
Wetted Materials: Acetal, Buna-N
Non-wetted Materials: Acetal
Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Connects with Q4 Series. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb latch quick release couplings of the same size and style. Suitable for bi-directional flow.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-Q-160520	1/4" ID	Panel Mount	Acetal
E-Q-160517	1/4" NPT	Threaded	Acetal

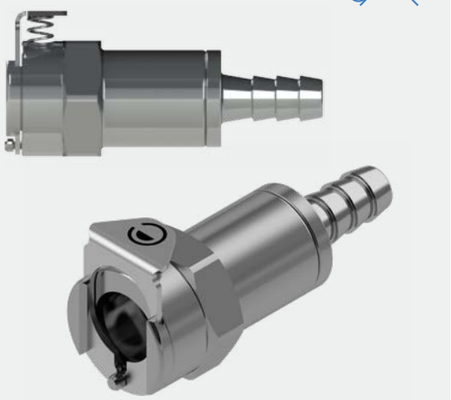
More sizes and styles available online

E-Q4V-SB-3-316-V

316 Stainless Steel Socket Coupling, Viton (FKM) Seal, 1/4" (6.4mm) ID Tube, Valved, 1/4" Flow - Q4 Series

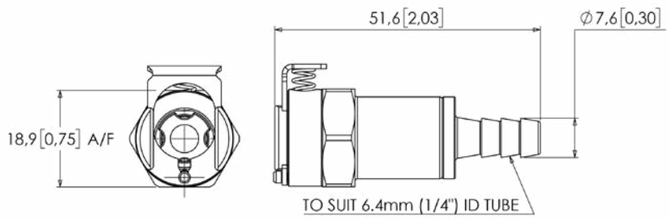
View range

Actual Size



Technical Data

Max. Inlet Pressure: 8.3 Bar (120 psi)
Connection 1: 1/4" (6.4mm) ID Tube
Connection 2: To mating Q4 Plug Connector
Mounting Style: In-line
Wetted Materials: 316 Stainless Steel, Viton (FKM)
Non-wetted Materials: 316 Stainless Steel
Media/Ambient Temperature: -15°C to 200°C (5°F to 392°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Connects with other Q4 Couplings. This product is interchangeable with other thumb latch quick release couplings of the same size and style. Suitable for bi-directional flow. EPDM and Silicone seal available.



Connects with Q4 Series

Also available:
E-Q4V-SPM-3-316-V - 1/4" Panel Mount

Q4 Series

Our range of Q4 Series couplings come in different mounting styles, sizes and materials. Scan the QR code to view our extensive range on our website.



Explore our full Q4 series thumb latch range online

E-Q4V-PB-3-316-V

316 Stainless Steel Plug Coupling, Viton (FKM) Seal, 1/4" (6.4mm) ID Tube, Valved, 1/4" Flow - Q4 Series

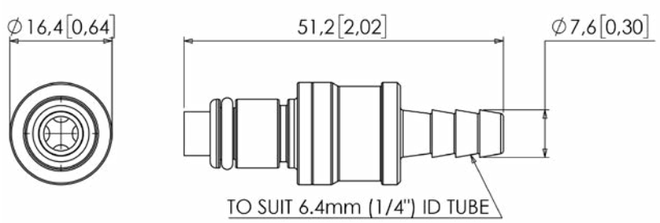
View range

Actual Size



Technical Data

Max. Inlet Pressure: 8.3 Bar (120 psi)
Connection 1: 1/4" (6.4mm) ID Tube
Connection 2: To mating Q4 Socket Connector
Mounting Style: In-line
Wetted Materials: 316 Stainless Steel, Viton (FKM)
Non-wetted Materials: 316 Stainless Steel
Media/Ambient Temperature: -15°C to 200°C (5°F to 392°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Connects with other Q4 Couplings. This product is interchangeable with other thumb latch quick release couplings of the same size and style. Suitable for bi-directional flow. EPDM and Silicone seal available.



Connects with Q4 Series

E-Q4-PMN-316

316 Stainless Steel Q4 Series Panel Mount Nut, 11/16"-24 UNEF Thread

View range

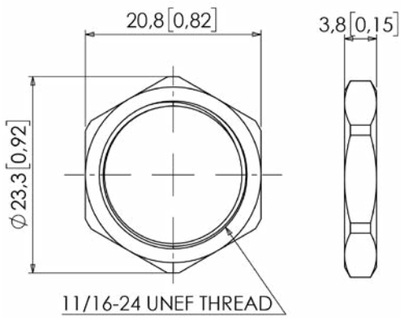
Actual Size



Connects with Q4 Series

Technical Data

Connection 1: 11/16"-24 UNEF Thread
Mounting Style: Panel Mount
Non-wetted Materials: 316 Stainless Steel
RoHS/REACH Compliant: Yes
Other Technical Data: A 316 Stainless Steel panel mount lock nut with 11/16"-24 UNEF thread and 5/8" hex body, designed for use with our Q4 series coupling.

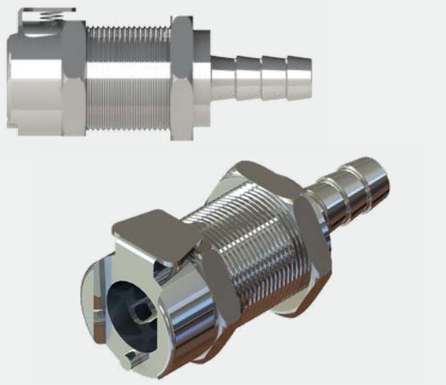


E-Q-160668

Chrome Plated Brass Panel Mount Socket Coupling, Buna-N (Nitrile) Seal, 1/4" (6.4mm) ID Tube, Valved, 1/4" Flow - Q4 Series

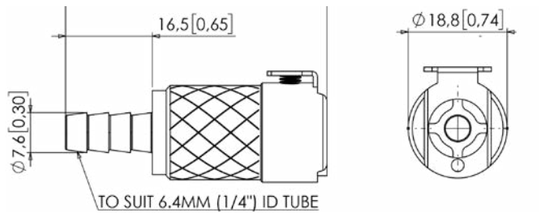
View range

Actual Size



Technical Data

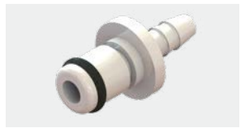
Max. Inlet Pressure: 17.3 Bar (250 psi)
Connection 1: 1/4" (6.4mm) ID Tube
Connection 2: To mating Q4 Plug Connector
Mounting Style: Panel Mount
Wetted Materials: Chrome Plated Brass, Buna-N (Nitrile), Acetal, 316 Stainless Steel
Non-wetted Materials: Chrome Plated Brass, Stainless Steel, Electroless Nickel Plated Brass
Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Finished with chrome plating for improved durability and corrosion resistance. Chrome plating requires an electroless nickel step first in order for the chrome to adhere to the brass. Connects with other Q4 Couplings. Suitable for bi-directional flow.



Connects with Q4 Series

Also available:
E-Q-160671 - 1/4" NPT

Can't quite find what you're looking for?






View our full couplings range online or contact us for custom options

E-Q-160684

Chrome Plated Brass Plug Coupling, Buna-N (Nitrile) Seal, 1/4" (6.4mm) ID Tube, Valved, 1/4" Flow - Q4 Series

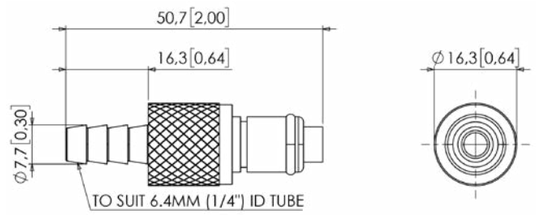
View range

Actual Size



Technical Data

Max. Inlet Pressure: 17.3 Bar (250 psi)
Connection 1: 1/4" (6.4mm) ID Tube
Connection 2: To mating Q4 Socket Connector
Mounting Style: In-line
Wetted Materials: Chrome Plated Brass, Buna-N (Nitrile), Acetal, 316 Stainless Steel
Non-wetted Materials: Chrome Plated Brass
Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Finished with chrome plating for improved durability and corrosion resistance. Chrome plating requires an electroless nickel step first in order for the chrome to adhere to the brass. Connects with other Q4 Couplings. Suitable for bi-directional flow.



Connects with Q4 Series

More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-Q-160685	1/4" ID	Panel Mount	Chrome Plated Brass
E-Q-160682	1/4" NPT	Threaded	Chrome Plated Brass

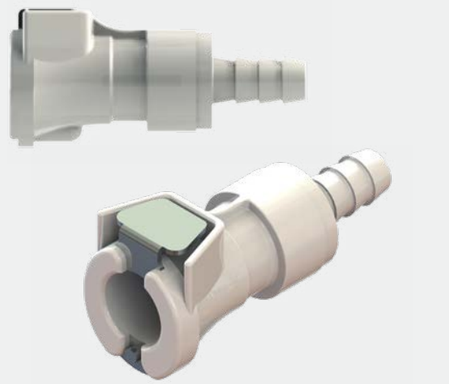
More sizes and styles available online

E-Q-160511

Acetal Socket Coupling, Buna-N Seal, 1/4" (6.4mm) ID Tube, Valved, 1/4" Flow - Q4 Series

View range

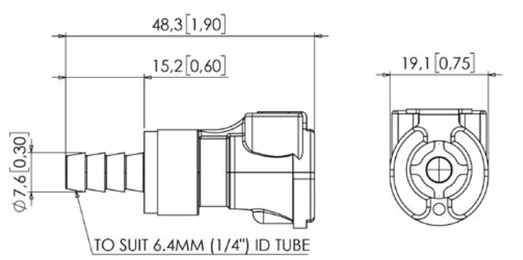
Actual Size



Connects with Q4 Series

Technical Data

Max. Inlet Pressure: 8.3 bar (120 psi)
Connection 1: 1/4" (6.4mm) ID Tube
Connection 2: To mating Q4 Plug Connector
Mounting Style: In-line
Wetted Materials: Acetal, 316 Stainless Steel, Buna-N
Non-wetted Materials: Acetal, Stainless Steel
Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Connects with Q4 Series. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb latch quick release couplings of the same size and style. Suitable for bi-directional flow.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-Q-160512	1/4" ID	Panel Mount	Acetal
E-Q-160509	1/4" NPT	Threaded	Acetal

More sizes and styles available online

E-Q-160527

Acetal Plug Coupling, Buna-N Seal, 1/4" (6.4mm) ID Tube, Valved, 1/4" Flow - Q4 Series

View range

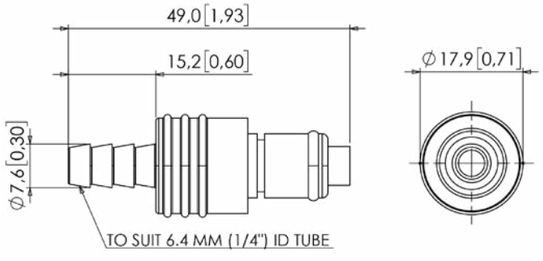
Actual Size



Connects with Q4 Series

Technical Data

Max. Inlet Pressure: 8.3 bar (120 psi)
Connection 1: 1/4" (6.4mm) ID Tube
Connection 2: To mating Q4 Socket Connector
Mounting Style: In-line
Wetted Materials: Acetal, 316 Stainless Steel, Buna-N
Non-wetted Materials: Acetal
Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Connects with Q4 Series. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb latch quick release couplings of the same size and style.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-Q-160528	1/4" ID	Panel Mount	Acetal
E-Q-160525	1/4" NPT	Threaded	Acetal

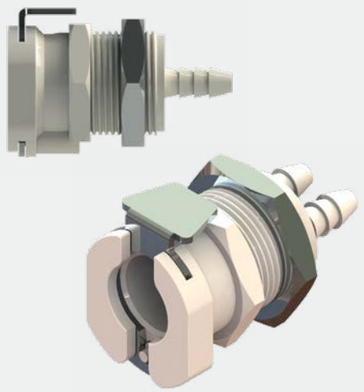
More sizes and styles available online

E-Q-160547

Medical-grade ABS Panel Mount Dual Line Socket Coupling, 1/8" (3.2mm) ID Tube, Non-Valved, 3/32" Flow - Q42 Series

View range

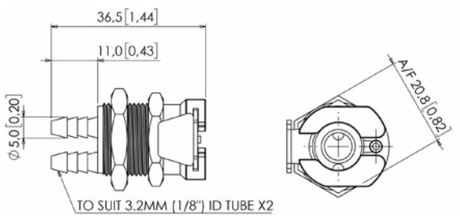
Actual Size



Connects with Q42 Series

Technical Data

Max. Inlet Pressure: 8.3 bar (120 psi)
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 1/8" (3.2mm) ID Tube
Connection 3: To mating Q42 Plug Connector
Mounting Style: Panel Mount
Wetted Materials: Medical-grade ABS
Non-wetted Materials: Medical-grade ABS, Stainless Steel, Nickel Plated Brass
Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Connects with Q42 Couplings. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb latch quick release couplings of the same size and style. Nut is included.

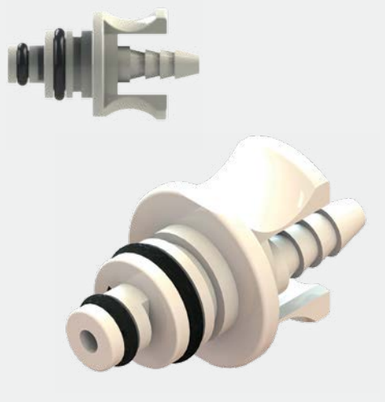


E-Q-160548

White Medical-grade ABS Dual Line Plug Coupling, Buna-N (Nitrile) Seal, 1/8" (3.2mm) ID Tube, Non-Valved, 3/32" Flow - Q42 Series

View range

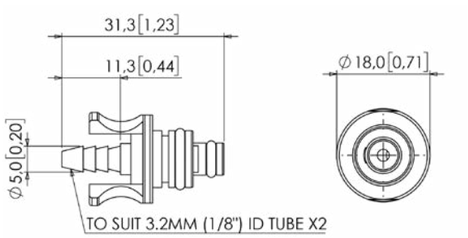
Actual Size



Connects with Q42 Series

Technical Data

Max. Inlet Pressure: 8.3 bar (120 psi)
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: To mating Q42 Socket Connector
Mounting Style: In-line
Wetted Materials: Medical-grade ABS, Buna-N
Non-wetted Materials: Medical-grade ABS
Media/Ambient Temperature: -40°C to 82°C (-40°F to 180°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Connects with Q42 Couplings. This product is guaranteed to interconnect with all pre-existing industry standard interchangeable thumb latch quick release couplings of the same size and style.



E-Q-230015

Medical-grade Polypropylene Socket Coupling, Silicone (USP Class VI) Seal, 1/4" (6.4mm) ID Tube, Valved, 1/4" Flow - Q5 Series

View range

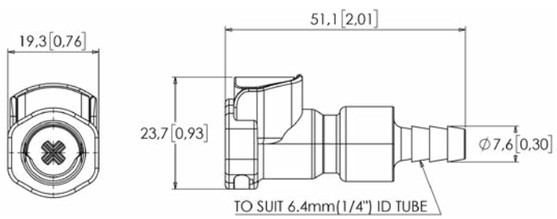
Actual Size



Connects with Q5 Series

Technical Data

Max. Inlet Pressure: 6.9 bar (100 psi)
Connection 1: 1/4" (6.4mm) ID Tube
Connection 2: To mating Q5 Plug Connector
Mounting Style: In-line
Wetted Materials: Medical-grade Polypropylene, Silicone (USP Class VI), Stainless Steel
Non-wetted Materials: Medical-grade Polypropylene
Media/Ambient Temperature: 0°C to 49°C (32°F to 120°F)
Recommended Filtration: Depending on application
Cleanroom Manufactured: Class 8 Cleanroom
RoHS/REACH Compliant: Yes
Other Technical Data: Connects with other Q5 Couplings. Plug coupling in Medical-grade Polypropylene with USP class VI Silicone seal, with cost efficient plastic audible click thumb latch connection to mating plug connector, valved. Animal Derivative Free.



Q5 Series

Designed for cell and gene therapy applications, this range is manufactured in a Class 8 Cleanroom environment to help meet the stringent requirements of critical applications.



Explore our full Q5 series thumb latch range online

E-Q-180354

Cool Grey Polypropylene Socket Coupling, 1/2" (2.7mm) ID Tube, Non-Valved, 3/8" Flow - Q6 Series

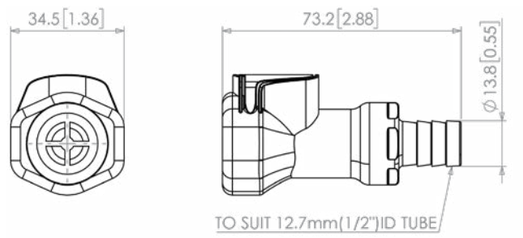
View range

Actual Size



Technical Data

Max. Inlet Pressure: 4.1 bar (60 psi)
Connection 1: 1/2" (12.7mm) ID Tube
Connection 2: To mating Q6 Plug Connector
Mounting Style: In-line
Wetted Materials: P5M6K-080 medical-grade gamma-stable Polypropylene
Non-wetted Materials: P5M6K-080 medical-grade gamma-stable Polypropylene, Stainless Steel
Media/Ambient Temperature: 0°C to 71°C (32°F to 160°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: 3/8" flow size socket coupling in medical-grade gamma sterilisable Polypropylene with barb to suit 1/2" (2.7mm) ID tube, designed with plastic audible click thumb latch connection to mating plug connector, non-valved.



Connects with Q6 Series

Q6 Series

Designed for large flow, this series of thumb latch comes in medical-grade gamma-stable polypropylene with valved/non-valved options and different mounting styles.



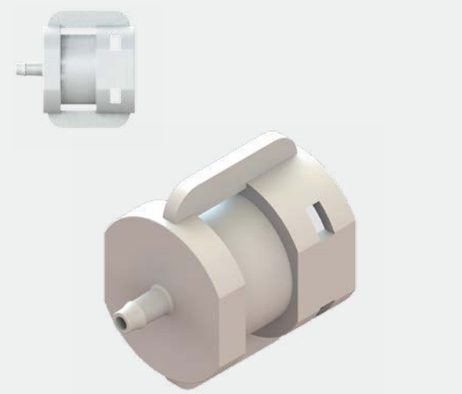
Explore our full Q6 series thumb latch range online

E-Q-160074

1/4 Turn White Nylon Socket Coupling, 1/16" (1.6mm) ID Tube, Non-Valved

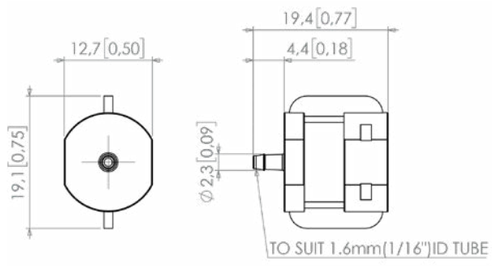
View range

Actual Size



Technical Data

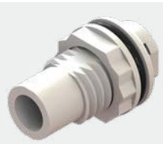
Max. Inlet Pressure: 8.62 bar (125 psi)
Flow Rate: 1.51 LPM, 0.05 SCFM
Connection 1: 1/16" (1.6mm) ID Tube
Connection 2: To mating Plug Connector
Mounting Style: In-line
Wetted Materials: Nylon
Non-wetted Materials: Nylon
Media/Ambient Temperature: -46°C to 121°C (-50°F to 250°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: White Plastic Quick-Connect 1/4 Turn Coupling, 1/16" (1.6mm) ID Barb to Socket Connector.



Also available:
E-Q-160075 - Black Nylon

More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-Q-160076	3/32" ID	In-line	White Nylon
E-Q-160077	3/32" ID	In-line	Black Nylon
E-Q-160078	1/8" ID	In-line	White Nylon
E-Q-160079	1/8" ID	In-line	Black Nylon
E-Q-160080	5/32" ID	In-line	White Nylon
E-Q-160081	5/32" ID	In-line	Black Nylon
E-Q-160082	3/16" ID	In-line	White Nylon
E-Q-160083	3/16" ID	In-line	Black Nylon
E-Q-160084	1/4" ID	In-line	White Nylon
E-Q-160085	1/4" ID	In-line	Black Nylon
E-Q-160130	1/8" NPT	In-line	White Nylon
E-Q-160131	1/8" NPT	In-line	Black Nylon
E-Q-160132	1/4" NPT	In-line	White Nylon
E-Q-160133	1/4" NPT	In-line	Black Nylon



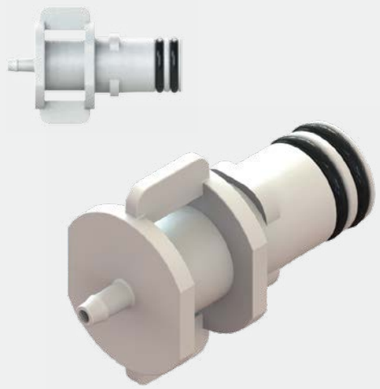
E-Q-160148 - Long Body Panel Mount Socket Connector
Also available in Black

E-Q-160086

1/4 Turn White Nylon Plug Coupling, 1/16" (1.6mm) ID Tube, Non-Valved

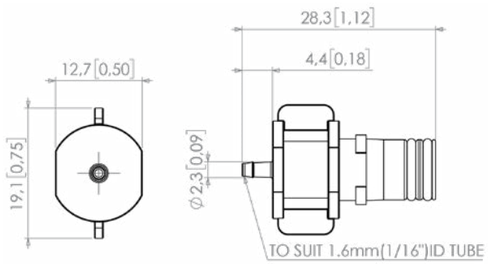
View range

Actual Size



Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Flow Rate: 1.51 LPM, 0.05 SCFM
Connection 1: 1/16" (1.6mm) ID Tube
Connection 2: To mating Socket Connector
Mounting Style: In-line
Wetted Materials: Nylon
Non-wetted Materials: Nylon, Buna-N
Media/Ambient Temperature: -46°C to 121°C (-50°F to 250°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: White Plastic Quick-Connect 1/4 Turn Coupling, 1/16" (1.6mm) ID Barb to Male Plug Connector.



Also available:
E-Q-160087 - Black Nylon

More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-Q-160088	3/32" ID	In-line	White Nylon
E-Q-160089	3/32" ID	In-line	Black Nylon
E-Q-160090	1/8" ID	In-line	White Nylon
E-Q-160091	1/8" ID	In-line	Black Nylon
E-Q-160092	5/32" ID	In-line	White Nylon
E-Q-160093	5/32" ID	In-line	Black Nylon
E-Q-160094	3/16" ID	In-line	White Nylon
E-Q-160095	3/16" ID	In-line	Black Nylon
E-Q-160096	1/4" ID	In-line	White Nylon
E-Q-160097	1/4" ID	In-line	Black Nylon
E-Q-160134	1/8" NPT	In-line	White Nylon
E-Q-160135	1/8" NPT	In-line	Black Nylon
E-Q-160136	1/4" NPT	In-line	White Nylon
E-Q-160137	1/4" NPT	In-line	Black Nylon



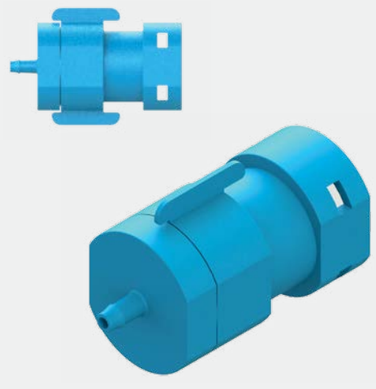
E-Q-160156 - Male Cap Plug Connector
Also available in Black

E-Q-160098

1/4 Turn Blue Nylon Socket Coupling, Buna-N Seal, 1/16" (1.6mm) ID Tube, Valved

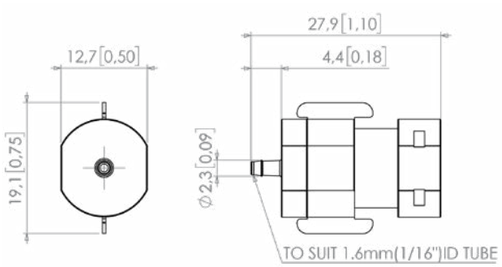
View range

Actual Size



Technical Data

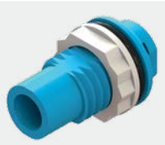
Max. Inlet Pressure: 8.62 bar (125 psi)
Flow Rate: 1.51 LPM, 0.05 SCFM
Connection 1: 1/16" (1.6mm) ID Tube
Connection 2: To mating Plug Connector
Mounting Style: In-line
Wetted Materials: Nylon, Acetal, Buna-N, 316 Stainless Steel
Non-wetted Materials: Nylon
Media/Ambient Temperature: -46°C to 121°C (-50°F to 250°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Blue Plastic Quick-Connect 1/4 Turn Coupling, Valved, 1/16" (1.6mm) ID Barb to Socket Connector.



Also available:
E-Q-160099 - Grey Nylon

More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-Q-160100	3/32" ID	In-line	Blue Nylon
E-Q-160101	3/32" ID	In-line	Grey Nylon
E-Q-160102	1/8" ID	In-line	Blue Nylon
E-Q-160103	1/8" ID	In-line	Grey Nylon
E-Q-160104	5/32" ID	In-line	Blue Nylon
E-Q-160105	5/32" ID	In-line	Grey Nylon
E-Q-160106	3/16" ID	In-line	Blue Nylon
E-Q-160107	3/16" ID	In-line	Grey Nylon
E-Q-160108	1/4" ID	In-line	Blue Nylon
E-Q-160109	1/4" ID	In-line	Grey Nylon
E-Q-160138	1/8" NPT	In-line	Blue Nylon
E-Q-160139	1/8" NPT	In-line	Grey Nylon
E-Q-160140	1/4" NPT	In-line	Blue Nylon
E-Q-160141	1/4" NPT	In-line	Grey Nylon



E-Q-160152 - Long Body Panel Mount Socket Connector, Blue
Also available in Grey

E-Q-160110

1/4 Turn Blue Nylon Plug Coupling, Buna-N Seal, 1/16" (1.6mm) ID Tube, Valved

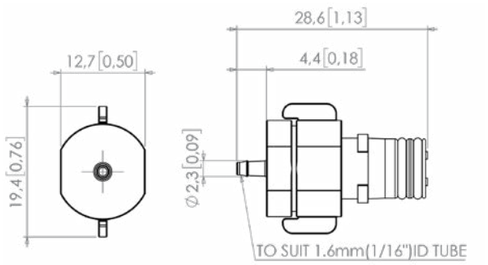
View range

Actual Size



Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Flow Rate: 1.51 LPM, 0.05 SCFM
Connection 1: 1/16" (1.6mm) ID Tube
Connection 2: To mating Socket Connector
Mounting Style: In-line
Wetted Materials: Nylon, Acetal, Buna-N, 316 Stainless Steel
Non-wetted Materials: Nylon
Media/Ambient Temperature: -46°C to 121°C (-50°F to 250°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Blue Plastic Quick-Connect 1/4 Turn Coupling, Valved, 1/16" (1.6mm) ID Barb to Socket Connector.



Also available:
E-Q-160111 - Grey Nylon

More from this range

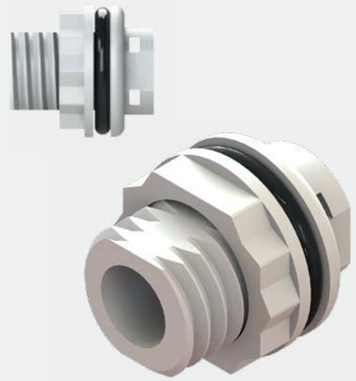
PART NUMBER	SIZE	STYLE	MATERIAL
E-Q-160112	3/32" ID	In-line	Blue Nylon
E-Q-160113	3/32" ID	In-line	Grey Nylon
E-Q-160114	1/8" ID	In-line	Blue Nylon
E-Q-160115	1/8" ID	In-line	Grey Nylon
E-Q-160116	5/32" ID	In-line	Blue Nylon
E-Q-160117	5/32" ID	In-line	Grey Nylon
E-Q-160118	3/16" ID	In-line	Blue Nylon
E-Q-160119	3/16" ID	In-line	Grey Nylon
E-Q-160120	1/4" ID	In-line	Blue Nylon
E-Q-160121	1/4" ID	In-line	Grey Nylon
E-Q-160142	1/8" NPT	In-line	Blue Nylon
E-Q-160143	1/8" NPT	In-line	Grey Nylon
E-Q-160144	1/4" NPT	In-line	Blue Nylon
E-Q-160145	1/4" NPT	In-line	Grey Nylon

E-Q-160146

1/4 Turn White Nylon Panel Mount Socket Coupling, Buna-N Seal, 5/8-11" UNC Male Thread, Non-Valved

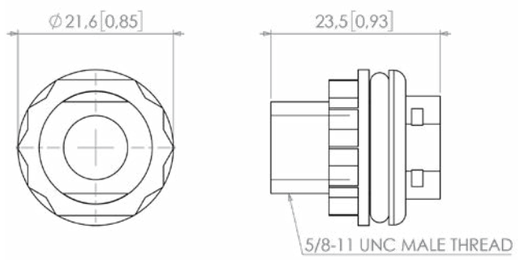
View range

Actual Size



Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Connection 1: 5/8-11" UNC Male Thread
Connection 2: To mating Plug Connector
Mounting Style: Panel Mount
Wetted Materials: Nylon, Buna-N
Non-wetted Materials: Nylon
Media/Ambient Temperature: -46°C to 121°C (-50°F to 250°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: White Plastic Quick-Connect 1/4 Turn Coupling, 5/8-11" UNC Thread to Female Socket Connector.

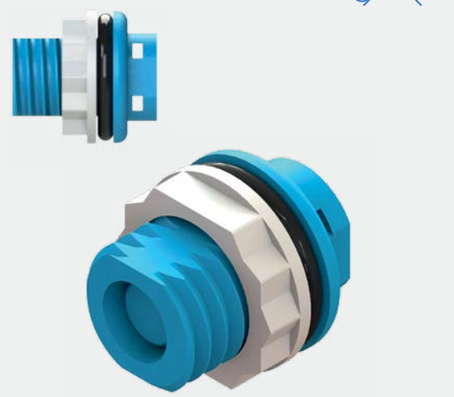


E-Q-160150

1/4 Turn Blue Nylon Panel Mount Socket Coupling, Buna-N Seal, 5/8-11" UNC Male Thread, Valved

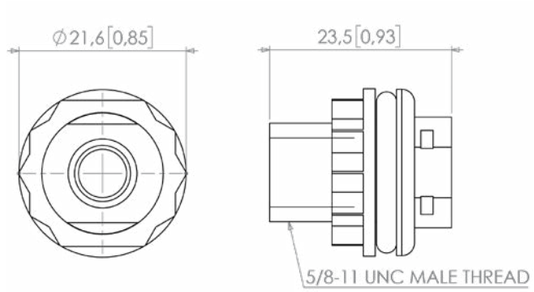
View range

Actual Size



Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Connection 1: 5/8-11" UNC Thread
Connection 2: To mating Plug Connector
Mounting Style: Panel Mount
Wetted Materials: Nylon, Acetal, Buna-N, 316 Stainless Steel
Non-wetted Materials: Nylon
Media/Ambient Temperature: -46°C to 121°C (-50°F to 250°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Blue Plastic Quick-Connect 1/4 Turn Coupling, Valved, 5/8-11" UNC Thread to Female Socket Connector.



E-Q-160147

1/4 Turn Black Nylon Panel Mount Socket Coupling, Buna-N Seal, 5/8-11" UNC Male Thread, Non-Valved

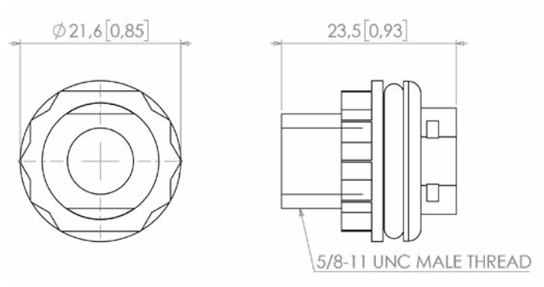
View range

Actual Size



Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Connection 1: 5/8-11" UNC Male Thread
Connection 2: To mating Plug Connector
Mounting Style: Panel Mount
Wetted Materials: Nylon, Buna-N
Non-wetted Materials: Nylon
Media/Ambient Temperature: -46°C to 121°C (-50°F to 250°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Black Plastic Quick-Connect 1/4 Turn Coupling, 5/8-11" UNC Thread to Female Socket Connector.

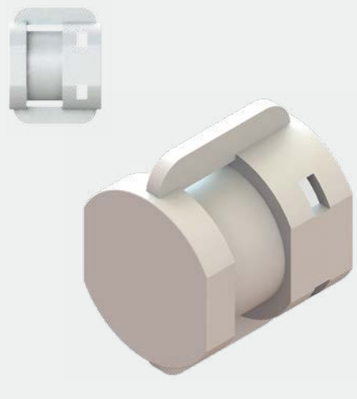


E-Q-160154

1/4 Turn White Nylon Socket Coupling, End Cap, Non-Valved

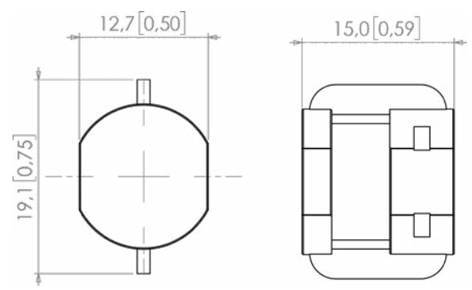
View range

Actual Size



Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Connection 1: Closed End
Connection 2: To mating Plug Connector
Mounting Style: In-line
Wetted Materials: Nylon
Non-wetted Materials: Nylon
Media/Ambient Temperature: -46°C to 121°C (-50°F to 250°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Also available in black.



Also available:
E-Q-160155 - Black Nylon

E-Q-200127

1/4 Turn Polypropylene Socket Coupling, Buna-N Seal, 1/8" (3.2mm) ID Tube, Valved

View range

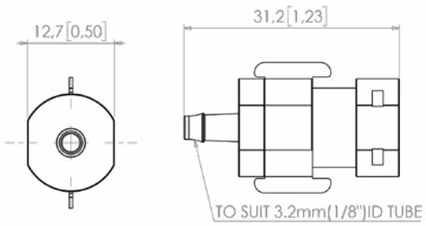
Actual Size



Connects with 1/4 turn mating plugs

Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Flow Rate: 3.60 LPM
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: To mating Plug Connector
Mounting Style: In-Line
Wetted Materials: Polypropylene, Buna-N, Acetal, 316 Stainless Steel
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: -46°C to 121°C (-50°F to 250°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI
Cleanroom Manufactured: Class 7 Cleanroom
Other Technical Data: USP Class VI, Class 7 Cleanroom. Used for connection to 1/4 turn mating plug connector, Valved.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-Q-200126	1/16" ID	In-line	Polypropylene
E-Q-200062	3/32" ID	In-line	Polypropylene
E-Q-200128	5/32" ID	In-line	Polypropylene
E-Q-200129	3/16" ID	In-line	Polypropylene
E-Q-200060	1/4" ID	In-line	Polypropylene
E-Q-200143	1/8" NPT	In-line	Polypropylene
E-Q-200144	1/4" NPT	In-line	Polypropylene

Explore our capabilities



- Custom product design
- Cleanroom facilities
- Sub-assembly production
- Component testing and inspection
- Kitting and packing
- Component marking

Scan the QR code to contact us for more information

E-Q-200122

1/4 Turn Polypropylene Plug Coupling, Buna-N Seal, 1/8" (3.2mm) ID Tube, Non-Valved

View range

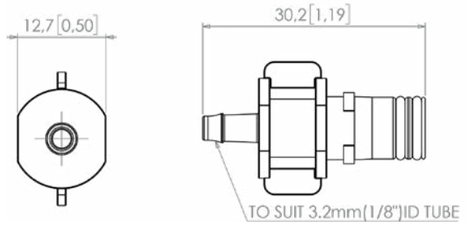
Actual Size



Connects with 1/4 turn mating sockets

Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Flow Rate: 4.73 LPM
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: To mating Socket Connector
Mounting Style: In-line
Wetted Materials: Polypropylene, Buna-N
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: -46°C to 121°C (-50°F to 250°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI
Cleanroom Manufactured: Class 7 Cleanroom
Other Technical Data: USP Class VI, Class 7 Cleanroom. Used for connection to 1/4 turn mating socket connector, Non-Valved.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-Q-190019	1/16" ID	In-line	Polypropylene
E-Q-200098	3/32" ID	In-line	Polypropylene
E-Q-200123	5/32" ID	In-line	Polypropylene
E-Q-200124	3/16" ID	In-line	Polypropylene
E-Q-200125	1/4" ID	In-line	Polypropylene
E-Q-200141	1/8" NPT	In-line	Polypropylene
E-Q-200142	1/4" NPT	In-line	Polypropylene

E-Q-200117

1/4 Turn Polypropylene Socket Coupling, 1/8" (3.2mm) ID Tube, Non-Valved

View range

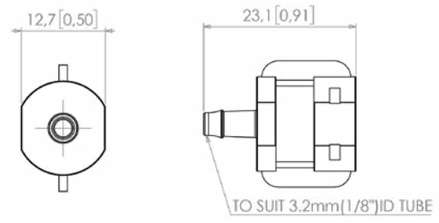
Actual Size



Connects with 1/4 turn mating plugs

Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Flow Rate: 4.73 LPM
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: To mating Plug Connector
Mounting Style: In-line
Wetted Materials: Polypropylene
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: -46°C to 121°C (-50°F to 250°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI
Cleanroom Manufactured: Class 7 Cleanroom
Other Technical Data: USP Class VI, Class 7 Cleanroom. Used for connection to 1/4 turn mating plug connector, Non-Valved.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-Q-200115	1/16" ID	In-line	Polypropylene
E-Q-200116	3/32" ID	In-line	Polypropylene
E-Q-200118	5/32" ID	In-line	Polypropylene
E-Q-200119	3/16" ID	In-line	Polypropylene
E-Q-200120	1/4" ID	In-line	Polypropylene
E-Q-200139	1/8" NPT	In-line	Polypropylene
E-Q-200140	1/4" NPT	In-line	Polypropylene

E-Q-200131

1/4 Turn Polypropylene Plug Coupling, Buna-N Seal, 1/8" (3.2mm) ID Tube, Valved

View range

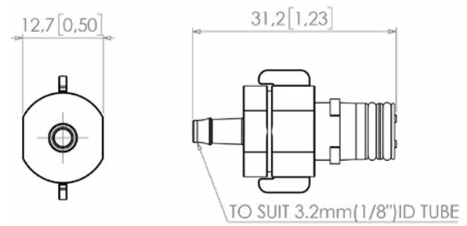
Actual Size



Connects with 1/4 turn mating sockets

Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Flow Rate: 3.60 LPM
Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: To mating Socket Connector
Mounting Style: In-line
Wetted Materials: Polypropylene, Buna-N, Acetal, 316 Stainless Steel
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: -46°C to 121°C (-50°F to 250°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI
Cleanroom Manufactured: Class 7 Cleanroom
Other Technical Data: USP Class VI, Class 7 Cleanroom. Used for connection to 1/4 turn mating socket connector, Valved.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-Q-200130	1/16" ID	In-line	Polypropylene
E-Q-200061	3/32" ID	In-line	Polypropylene
E-Q-200132	5/32" ID	In-line	Polypropylene
E-Q-200133	3/16" ID	In-line	Polypropylene
E-Q-200134	1/4" ID	In-line	Polypropylene
E-Q-200145	1/8" NPT	In-line	Polypropylene
E-Q-200146	1/4" NPT	In-line	Polypropylene

E-Q-200149

1/4 Turn Polypropylene Panel Mount Socket Coupling, Buna-N Seal, 5/8-11" UNC Male Thread, Valved

View range

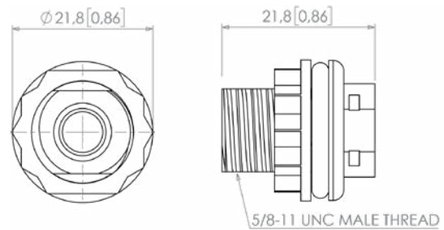
Actual Size



Connects with 1/4 turn mating plugs

Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Flow Rate: 5.68 LPM
Connection 1: 5/8-11" UNC Male Thread
Connection 2: To mating Plug Connector
Mounting Style: Panel Mount
Wetted Materials: Polypropylene, Buna-N, Acetal, 316 Stainless Steel
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: -46°C to 121°C (-50°F to 250°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI
Cleanroom Manufactured: Class 7 Cleanroom
Other Technical Data: USP Class VI, Class 7 Cleanroom. Used for connection to 1/4 turn mating plug connector, Valved.



E-Q-200150

1/4 Turn Polypropylene Panel Mount Socket Coupling (Long Body), Buna-N Seal, 5/8-11" UNC Male Thread, Valved

View range

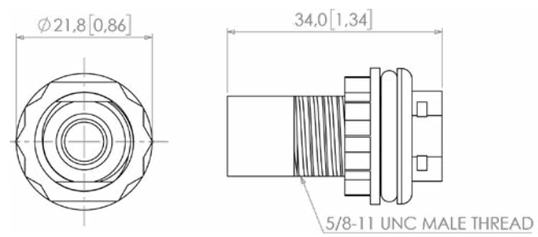
Actual Size



Connects with 1/4 turn mating plugs

Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Flow Rate: 5.68 LPM
Connection 1: 5/8-11" UNC Male Thread
Connection 2: To mating Plug Connector
Mounting Style: Panel Mount
Wetted Materials: Polypropylene, Buna-N, Acetal, 316 Stainless Steel
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: -46°C to 121°C (-50°F to 250°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI
Cleanroom Manufactured: Class 7 Cleanroom
Other Technical Data: USP Class VI, Class 7 Cleanroom. Used for connection to 1/4 turn mating plug connector, Valved.



E-Q-160293

ISO 80369-5 Blood Pressure Bayonet Style Plug Coupling, 1/8" (3.2mm) ID Tube, Non-Valved

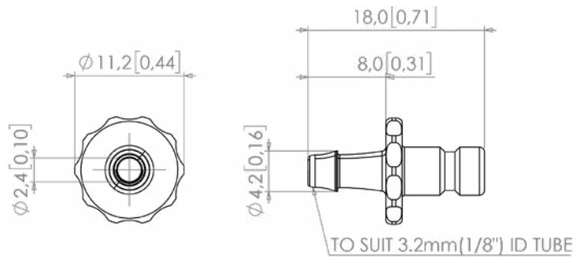
View range

Actual Size



Technical Data

Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: To mating Socket Connector
Mounting Style: In-line
Wetted Materials: Nylon
Non-wetted Materials: Nylon
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Regulatory Information: 21 CFR 177.1550 FDA Approved; ISO 80369-5 compatible
Cleanroom Manufactured: Class 8 Cleanroom
Other Technical Data: Blood Pressure Monitor Bayonet Connector to 1/8" (3.2mm) ID Hose Barbed Fitting, White Nylon. BPA Free. DEHP Free.



E-Q-160295

ISO 80369-5 Blood Pressure Bayonet Style Plug Coupling, 3/16" (4.8mm) ID Tube, Non-Valved

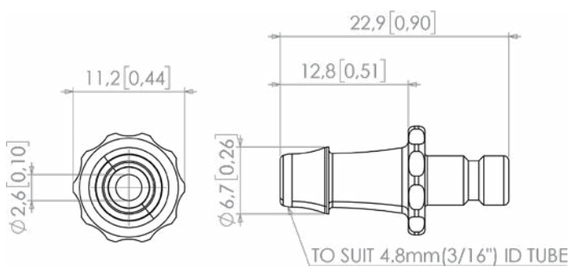
View range

Actual Size



Technical Data

Connection 1: 3/16" (4.8mm) ID Tube
Connection 2: To mating Socket Connector
Mounting Style: In-line
Wetted Materials: Nylon
Non-wetted Materials: Nylon
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Regulatory Information: 21 CFR 177.1550 FDA Approved; ISO 80369-5 compatible
Cleanroom Manufactured: Class 8 Cleanroom
Other Technical Data: Blood Pressure Monitor Bayonet Connector to 3/16" (4.8mm) ID Hose Barbed Fitting, White Nylon. BPA Free. DEHP Free.



E-Q-160294

ISO 80369-5 Blood Pressure Bayonet Style Plug Coupling, 5/32" (4mm) ID Tube, Non-Valved

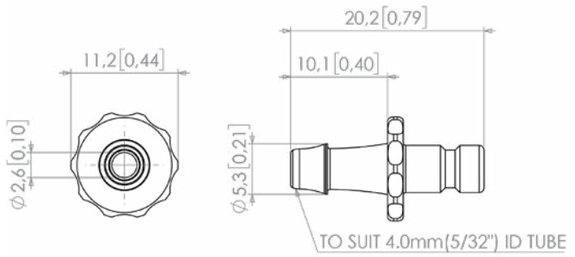
View range

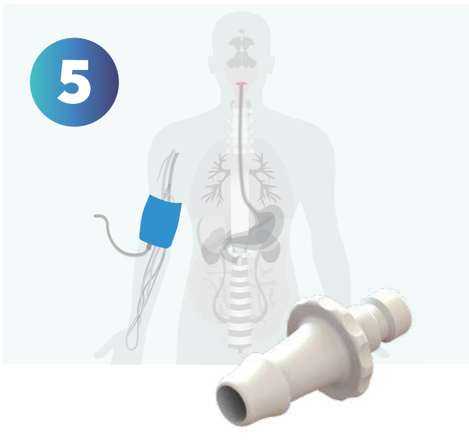
Actual Size



Technical Data

Connection 1: 5/32" (4mm) ID Tube
Connection 2: To mating Socket Connector
Mounting Style: In-line
Wetted Materials: Nylon
Non-wetted Materials: Nylon
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Regulatory Information: 21 CFR 177.1550 FDA Approved; ISO 80369-5 compatible
Cleanroom Manufactured: Class 8 Cleanroom
Other Technical Data: Blood Pressure Monitor Bayonet Connector to 5/32" (4mm) ID Hose Barbed Fitting, White Nylon. BPA Free. DEHP Free.





ISO 80369-5

Reducing the risk of misconnections

ISO 80369-5 is the international standard that defines safe connector designs for blood pressure cuffs and other limb cuff inflation devices. The ISO 80369 standard was developed to reduce the risk of medical tubing and connector misconnections.

E-Q-160290

ABS Blood Pressure Bayonet Style Socket Coupling, Buna-N Seal, 1/8" (3.2mm) ID Tube, Non-Valved

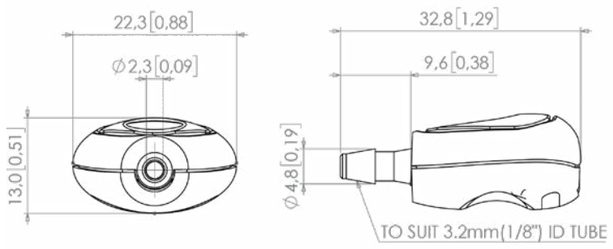
View range

Actual Size



Technical Data

Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: To mating Plug Connector
Mounting Style: In-line
Wetted Materials: ABS, Buna-N
Non-wetted Materials: ABS, Stainless Steel
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI; ISO 10993 Part 1 Compliant
Cleanroom Manufactured: Class 8 Cleanroom
Other Technical Data: Bayonet Style Socket Quick Connect Fitting to 1/8" (3.2mm) Barb, Black ABS Housing. BPA Free. DEHP Free.



E-Q-160291

ABS Blood Pressure Bayonet Style Socket Coupling, Buna-N Seal, 5/32" (4mm) ID Tube, Non-Valved

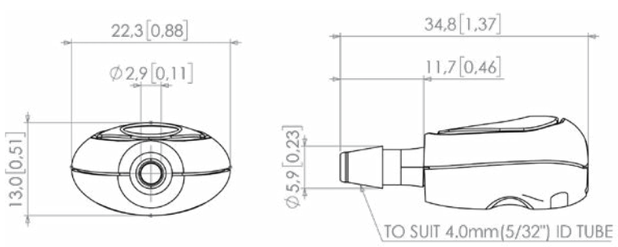
View range

Actual Size



Technical Data

Connection 1: 5/32" (4mm) ID Tube
Connection 2: To mating Plug Connector
Mounting Style: In-line
Wetted Materials: ABS, Buna-N
Non-wetted Materials: ABS, Stainless Steel
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI Certified; ISO 10993 Compliant
Cleanroom Manufactured: Class 8 Cleanroom
Other Technical Data: Bayonet Style Socket Quick Connect Fitting to 5/32" (4mm) Barb, Black ABS Housing. BPA Free. DEHP Free.



E-Q-160236

Nickel Plated Brass Socket Coupling, Buna-N (Nitrile) Seal, 1/8" NPT Male Thread, Non-Valved

View range

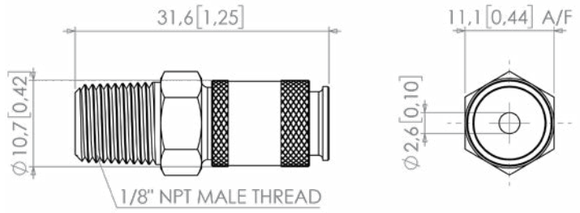
Actual Size





Technical Data

Max. Inlet Pressure: 3.1 bar (45 psi)
Connection 1: 1/8" NPT Male Thread
Connection 2: To mating Plug Connector
Mounting Style: Threaded
Wetted Materials: Nickel Plated Brass, Buna-N (Nitrile), 302 Stainless Steel
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: -40°C to 200°C (-40°F to 392°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Regulatory Information: ISO 80369-5 compatible
Other Technical Data: This miniature socket is compatible with ISO 80369-5 standards, ensuring precision and reliability across specialised applications. It is ideal for use in blood pressure monitoring, dental equipment and various non-medical applications such as airbrushing. Suitable for compressed air and vacuum.



More from this range

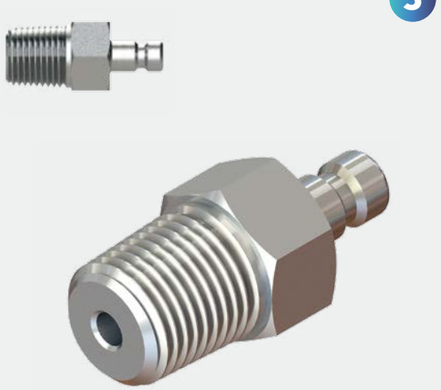
PART NUMBER	SIZE	STYLE	MATERIAL
E-Q-160238	.125"	Panel Mount	Nickel Plated Brass
E-Q-160239	.165"	Panel Mount	Nickel Plated Brass
E-Q-160232	.165"	In-line	Nickel Plated Brass
E-Q-160240	.200"	Panel Mount	Nickel Plated Brass
E-Q-160233	.200"	In-line	Nickel Plated Brass
E-Q-160241	.256"	Panel Mount	Nickel Plated Brass
E-Q-160234	.256"	In-line	Nickel Plated Brass
E-Q-160237	10-32 UNF Female	In-line	Nickel Plated Brass
E-Q-160235	10-32 UNF Male	In-line	Nickel Plated Brass

E-Q-160226

ISO 80369-5 Nickel Plated Brass Plug Coupling, 1/8" NPT Male Thread, Non-Valved

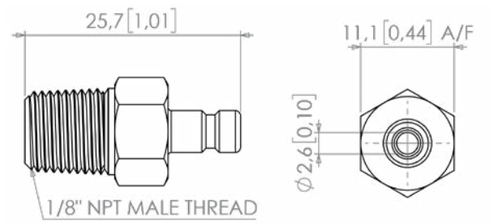
View range

Actual Size



Technical Data

Max. Inlet Pressure: 3.1 bar (45 psi)
Connection 1: 1/8" NPT Male Thread
Connection 2: To mating Socket Connector
Mounting Style: Threaded
Wetted Materials: Nickel Plated Brass
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: -40°C to 200°C (-40°F to 392°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Regulatory Information: ISO 80369-5 compatible
Other Technical Data: This miniature plug is designed to meet ISO 80369-5 standards, ensuring precision and reliability across specialised applications. It is ideal for use in blood pressure monitoring, dental equipment and various non-medical applications such as airbrushing. Suitable for compressed air and vacuum.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-Q-160228	.125"	Panel Mount	Nickel Plated Brass
E-Q-160229	.165"	Panel Mount	Nickel Plated Brass
E-Q-160222	.165"	In-line	Nickel Plated Brass
E-Q-160230	.200"	Panel Mount	Nickel Plated Brass
E-Q-160223	.200"	In-line	Nickel Plated Brass
E-Q-160231	.256"	Panel Mount	Nickel Plated Brass
E-Q-160224	.256"	In-line	Nickel Plated Brass
E-Q-160227	10-32 UNF Female	In-line	Nickel Plated Brass
E-Q-160225	10-32 UNF Male	In-line	Nickel Plated Brass

E-Q-160006

Nickel Plated Brass Mignon Profile Socket Coupling, Buna-N (Nitrile) Seal, 1/8" BSPP Male Thread, Valved

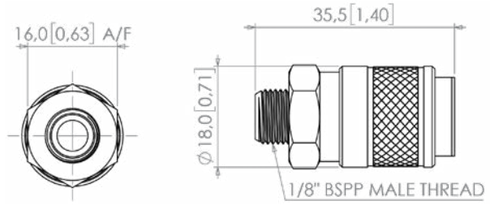
View range

Actual Size



Technical Data

Max. Inlet Pressure: 35 Bar (508 psi)
Connection 1: 1/8" BSPP Male Thread
Connection 2: To mating Plug Connector
Mounting Style: Threaded
Wetted Materials: Nickel Plated Brass, 302 Stainless Steel, Buna-N (Nitrile)
Non-wetted Materials: Nickel Plated Brass, 302 Stainless Steel, 420 Stainless Steel
Media/Ambient Temperature: -20°C to 80°C (-4°F to 176°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: This socket is designed for Mignon (DN5) profile plugs, ensures a secure and reliable connection in pneumatic systems. Its robust construction guarantees long lasting performance even in demanding environments.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-Q-160007	1/4" BSPP Male	Threaded	Nickel Plated Brass
E-Q-160008	1/8" BSPP Female	Threaded	Nickel Plated Brass
E-Q-160009	1/4" BSPP Female	Threaded	Nickel Plated Brass
E-Q-160010	6mm OD/4mm ID	In-line	Nickel Plated Brass
E-Q-160011	8mm OD/6mm ID	In-line	Nickel Plated Brass
E-Q-160012	4mm ID	In-line	Nickel Plated Brass
E-Q-160013	6mm ID	Threaded	Nickel Plated Brass
E-Q-160014	1/8" BSPP Male	Panel Mount	Nickel Plated Brass
E-Q-160015	1/4" BSPP Male	Panel Mount	Nickel Plated Brass
E-Q-160016	6mm OD/4mm ID	Panel Mount	Nickel Plated Brass
E-Q-160017	8mm OD/6mm ID	Panel Mount	Nickel Plated Brass
E-Q-160018	4mm ID	Panel Mount	Nickel Plated Brass
E-Q-160019	6mm ID	Panel Mount	Nickel Plated Brass

E-Q-160020

Nickel Plated Brass Mignon Profile Plug Coupling, 1/8" BSPP Male Thread, Non-Valved

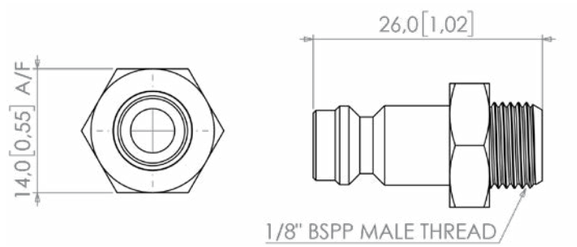
View range

Actual Size



Technical Data

Max. Inlet Pressure: 35 Bar (508 psi)
Connection 1: 1/8" BSPP Male Thread
Connection 2: To mating Socket Connector
Mounting Style: Threaded
Wetted Materials: Nickel Plated Brass
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: -20°C to 80°C (-4°F to 176°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: This plug is designed for Mignon (DN5) profile plugs, ensures a secure and reliable connection in pneumatic systems. Its robust construction guarantees long lasting performance even in demanding environments.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-Q-160021	1/4" BSPP Male	Threaded	Nickel Plated Brass
E-Q-160022	1/8" BSPP Female	Threaded	Nickel Plated Brass
E-Q-160023	1/4" BSPP Female	Threaded	Nickel Plated Brass
E-Q-160024	6mm OD/4mm ID	In-line	Nickel Plated Brass
E-Q-160025	8mm OD/6mm ID	Threaded	Nickel Plated Brass
E-Q-160026	4mm ID	In-line	Nickel Plated Brass
E-Q-160027	6mm ID	In-line	Nickel Plated Brass

E-Q-160028

316L Stainless Steel Multi Profile Socket Coupling, Food Grade FKM Seal, 1/4" BSPT Male Thread, Valved

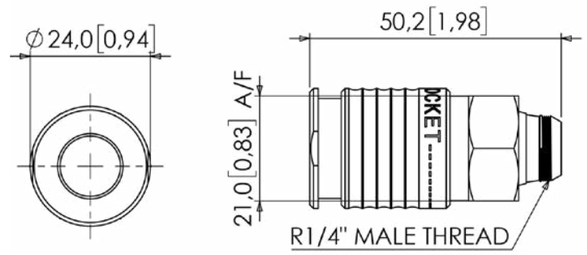
View range

Actual Size



Technical Data

Max. Inlet Pressure: 35 Bar (508 psi)
Connection 1: 1/4" BSPT Male Thread
Connection 2: To mating Plug Connector
Mounting Style: Threaded
Wetted Materials: 316L Stainless Steel, 302 Stainless Steel, Food Grade FKM
Non-wetted Materials: 316L Stainless Steel
Media/Ambient Temperature: -15°C to 200°C (-5°F to 392°F)
Recommended Filtration: 5 micron
RoHS/REACH Compliant: Yes
Other Technical Data: Our socket will mate with following profile of plug; Swedish Standard profile, European Standard profile, Italian Standard profile and UNI ISO 6150 B-12 profile.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL	VALVED/NON-VALVED
E-Q-160029	1/4" BSPP Female	Threaded	316L Stainless Steel	Valved
E-Q-160030	1/4" BSPT Male	Threaded	316L Stainless Steel	Non-Valved
E-Q-160031	1/4" BSPP Female	Threaded	316L Stainless Steel	Non-Valved

Stainless Steel Food Grade Couplings



- 316L Stainless Steel, Food Grade FKM Seal
- Designed for European (DN7.8) profile sockets
- Long lasting performance in demanding environments

Order online or contact us for more information.

E-Q-160242

4 Line Aluminium Coupling Set, Buna-N Seal, 1/8" (3.2mm) OD Push-In Fitting, Non-Valved

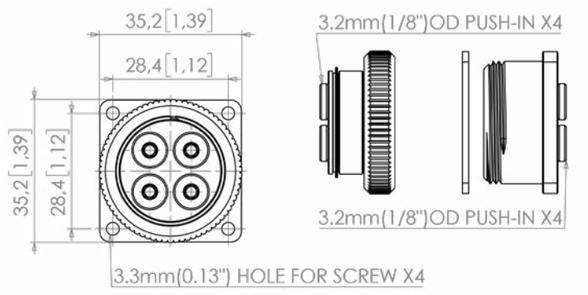
View range

Not to scale



Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Connections: 1/8" (3.2mm) OD Push-in Fitting x 4
Mounting Style: Panel Mount
Wetted Materials: Anodise Aluminium, Buna-N, Nickel Plated Brass, Brass
Non-wetted Materials: Anodise Aluminium, EPDM
Media/Ambient Temperature: -40°C to 125°C (-40°F to 257°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Comprising of separate plug and socket connectors. 4 way port configuration, 1/8" (3.2mm) OD push-in fittings. These bulkhead connectors are open flow only.



More from this range

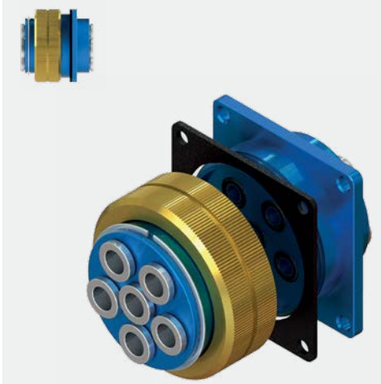
PART NUMBER	SIZE	STYLE	MATERIAL
E-Q-160243	1/8" OD - 10 line	Panel Mount	Anodise Aluminium
E-Q-160244	1/8" OD - 12 line	Panel Mount	Anodise Aluminium
E-Q-160245	1/8" OD - 19 line	Panel Mount	Anodise Aluminium
E-Q-160246	5/32" OD - 4 line	Panel Mount	Anodise Aluminium
E-Q-160247	5/32" OD - 10 line	Panel Mount	Anodise Aluminium
E-Q-160248	5/32" OD - 12 line	Panel Mount	Anodise Aluminium
E-Q-160249	5/32" OD - 19 line	Panel Mount	Anodise Aluminium
E-Q-160250	5/32" OD - 24 line	Panel Mount	Anodise Aluminium

E-Q-160251

6 Line Aluminium Coupling Set, Buna-N Seal, 1/4" (6.4mm) OD Push-In Fitting, Non-Valved

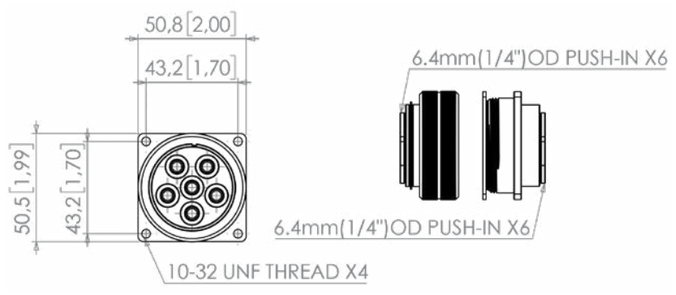
View range

Not to scale



Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Connections: 1/4" (6.4mm) OD Push-in Fitting x 6
Mounting Style: Panel Mount
Wetted Materials: Anodise Aluminium, Buna-N, Nickel Plated Brass, Brass
Non-wetted Materials: Anodise Aluminium, EPDM
Media/Ambient Temperature: -40°C to 125°C (-40°F to 257°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Comprising of separate plug and socket connectors. 6 way port configuration, 1/4" (6.4 mm) OD push-in fittings. These bulkhead connectors are open flow only.



More from this range

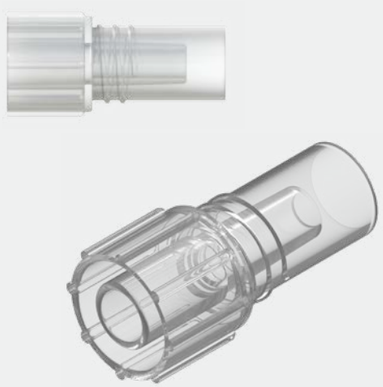
PART NUMBER	SIZE	STYLE	MATERIAL
E-Q-160252	1/4" OD - 8 line	Panel Mount	Anodise Aluminium
E-Q-160253	1/4" OD - 12 line	Panel Mount	Anodise Aluminium
E-Q-160254	1/4" OD - 19 line	Panel Mount	Anodise Aluminium
E-Q-160255	1/4" OD - 22 line	Panel Mount	Anodise Aluminium

E-Q-250005

Medical-grade Acrylic Male Shielded Connector, 1/4" OD Bond-In Port

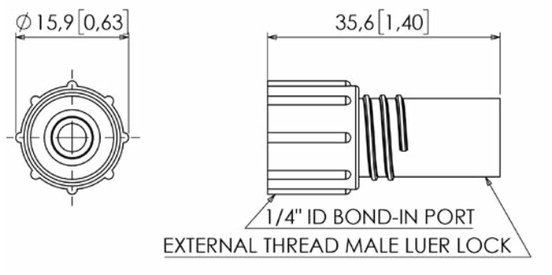
View range

Actual Size



Technical Data

Connection 1: Bond-In Port to suit 1/4" OD Tube
Connection 2: To mating Female Shielded Connector
Mounting Style: In-line
Wetted Materials: Medical-grade Acrylic
Non-wetted Materials: Medical-grade Acrylic
Recommended Filtration: Depending on application
Cleanroom Manufactured: Class 8 Cleanroom
RoHS/REACH Compliant: Yes
Other Technical Data: This fitting features a large bore design for high- flow performance, coupled with a protective shield to prevent touch contamination, ensuring optimal hygiene. This fitting is ideal for use in medical, laboratory, pharmaceutical and biotechnological applications.



Also available:
E-Q-250006 - 1/4" Female

E-Q-250014

Medical-grade Acrylic Female Shielded Connector, 3/16" (4.8mm) ID Tube

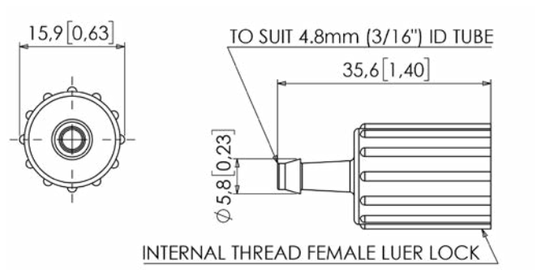
View range

Actual Size



Technical Data

Connection 1: 3/16" (4.8mm) ID Tube
Connection 2: To mating Male Shielded Connector
Mounting Style: In-line
Wetted Materials: Medical-grade Acrylic
Non-wetted Materials: Medical-grade Acrylic
Recommended Filtration: Depending on application
Cleanroom Manufactured: Class 8 Cleanroom
RoHS/REACH Compliant: Yes
Other Technical Data: This fitting features a large bore design for high- flow performance, coupled with a protective shield to prevent touch contamination, ensuring optimal hygiene. This fitting is ideal for use in medical, laboratory, pharmaceutical and biotechnological applications.



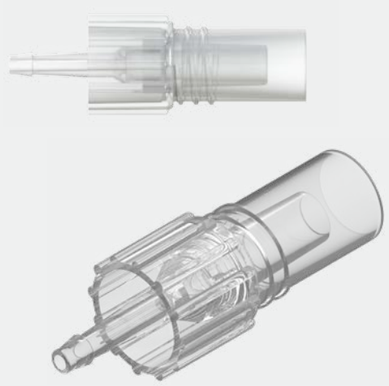
Also available:
E-Q-250016 - 1/4" Female

E-Q-250011

Medical-grade Acrylic Male Shielded Connector, 1/8" (3.2mm) ID Tube

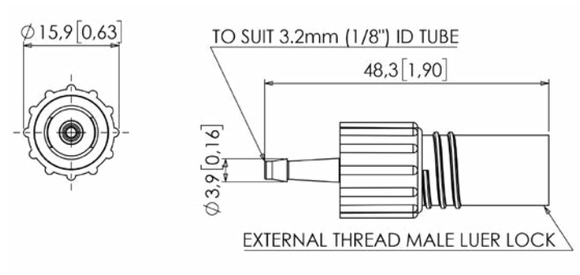
View range

Actual Size



Technical Data

Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: To mating Female Shielded Connector
Mounting Style: In-line
Wetted Materials: Medical-grade Acrylic
Non-wetted Materials: Medical-grade Acrylic
Recommended Filtration: Depending on application
Cleanroom Manufactured: Class 8 Cleanroom
RoHS/REACH Compliant: Yes
Other Technical Data: This fitting features a large bore design for high- flow performance, coupled with a protective shield to prevent touch contamination, ensuring optimal hygiene. This fitting is ideal for use in medical, laboratory, pharmaceutical and biotechnological applications.



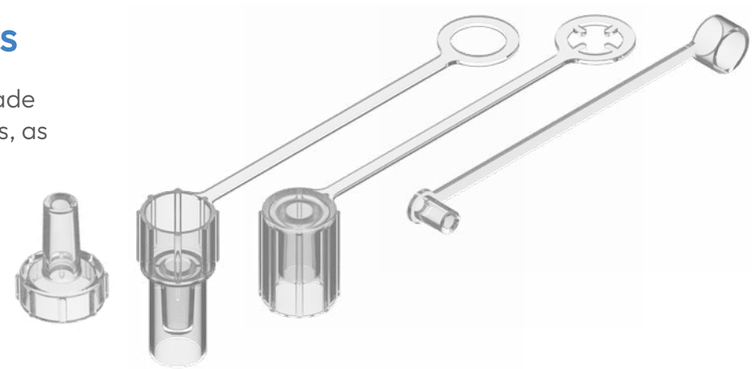
More from this range

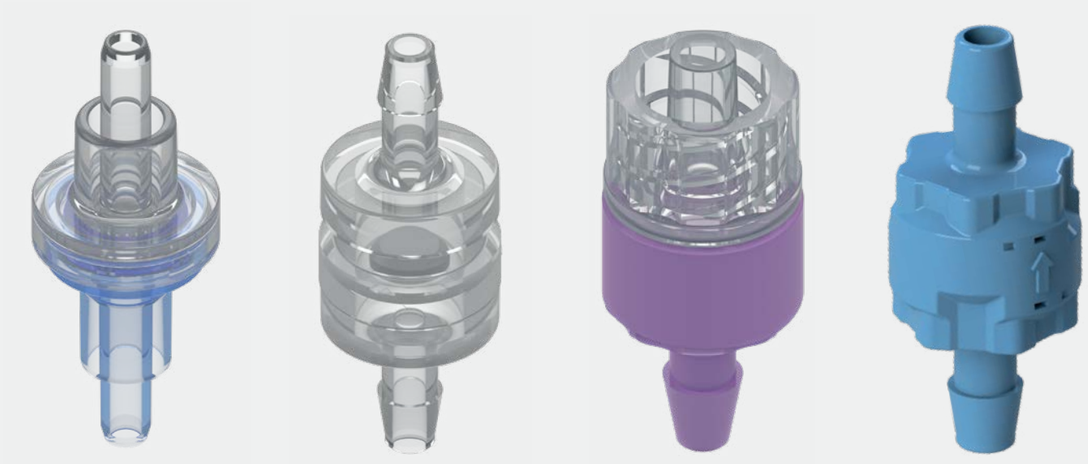
PART NUMBER	SIZE	STYLE	MATERIAL
E-Q-250013	3/16" ID	In-line	Medical-grade Acrylic
E-Q-250015	1/4" ID	In-line	Medical-grade Acrylic

High-Flow Accessories

Our range of High-Flow Medical-grade Shielded Connectors come with plugs, as well as standard and tethered caps.

Scan the QR code below to view our High-Flow accessories:





Key

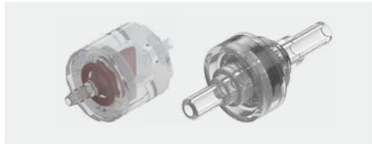
7 **ISO 80369-7**
Certified to ISO 80369-7 standard



Diaphragm

Key features of this range include positive seal variable opening pressures.

Pages 162-177



Duckbill

One-piece elastomeric check valves for reliable backflow prevention.

Page 178



Poppet and Ball

Positive seal valves that remain closed below cracking pressure. Designed to be normally-closed.

Pages 179-195



Umbrella

Flexible diaphragm design. Opens under forward pressure and prevents backflow.

Pages 196-197

Check Valves

Because of their simple design, check valves generally operate without automation or human interaction and instead rely on the flow velocity (upstream pressure) of the liquid or gas to open and close.

Our range of check valves is fully adaptable to your application, coming in a range of variations, end connections (including push-in and barbed), cracking pressures and material options.

Key Features

- Compact design
- Custom configurations
- RoHS and REACH compliant
- Cost-effective options
- Practical and easy to use

Typical Applications

- Bioprocessing
- Pressure/Wound Care
- Ophthalmic
- Cardiac

Material Options

- Polypropylene
- Polycarbonate
- ABS
- Acrylic
- Brass

E-C-4B4B-ABS-S01

ABS-Bodied Check Valve, Silicone Seal, 1/8" (3.2mm) ID Tube, Cracking Pressure ≤ 0.1 psi

View range

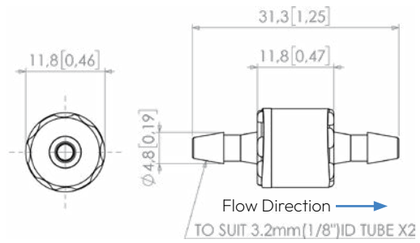
Actual Size





Technical Data

Max. Inlet Pressure: 4 bar (58 psi)
Connections: 1/8" (3.2 mm) ID Tube
Mounting Style: In-line
Wetted Materials: ABS, Polystyrene, Silicone
Non-wetted Materials: ABS
Recommended Filtration: Depending on application
Regulatory Information: Meets requirements for USP Class VI, FDA 21 CFR 181.32. California Prop. 65
Cleanroom Manufactured: Class 8 cleanroom
RoHS/REACH Compliant: Yes
Other Technical Data: Conflict Mineral Compliant. DEHP Free. Animal Derivative Free. Human Derivative Free. BPA Free. Phthalate Free. Latex Free. Compatible with EtO (Ethylene Oxide) sterilisation, but is not compatible with autoclave or gamma sterilisation.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-C-2B2B-ABS-S01	1/16" ID	In-line	ABS
E-C-3B3B-ABS-S01	3/32" ID	In-line	ABS

Viton seal also available





Need a different seal?

This range comes with Silicone or Viton seals, visit our website or contact us for more options.

E-C-4BML-ABS-S01

ISO 80369-7 ABS-Bodied Check Valve, Silicone Seal, 1/8" (3.2mm) ID Tube to Male Luer Lock, Cracking Pressure ≤ 0.1 psi

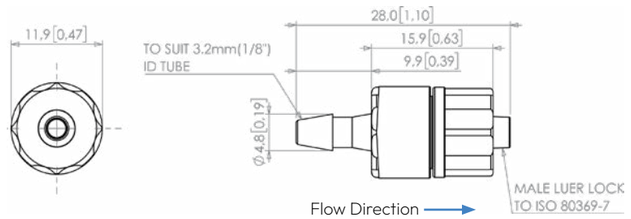
View range

Actual Size



Technical Data

Max. Inlet Pressure: 4 bar (58 psi)
Connection 1: 1/8" (3.2 mm) ID Tube
Connection 2: Male Luer Lock
Mounting Style: In-line
Wetted Materials: ABS, Polystyrene, Silicone
Non-wetted Materials: ABS
Recommended Filtration: Depending on application
Regulatory Information: Meets requirements for USP Class VI, FDA 21 CFR 181.32. California Prop. 65, ISO 80369-7 compatible
Cleanroom Manufactured: Class 8 cleanroom
RoHS/REACH Compliant: Yes
Other Technical Data: Conflict Mineral Compliant. DEHP Free. Animal Derivative Free. Human Derivative Free. BPA Free. Phthalate Free. Latex Free. Compatible with EtO (Ethylene Oxide) sterilisation, but is not compatible with autoclave or gamma sterilisation.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-C-FL4B-ABS-S01	Female Luer Lock to 1/8" ID	In-line	ABS
E-C-2BML-ABS-S01	1/16" ID to Male Luer Lock	In-line	ABS
E-C-FL2B-ABS-S01	Female Luer Lock to 1/16" ID	In-line	ABS
E-C-3BML-ABS-S01	3/32" ID to Male Luer Lock	In-line	ABS
E-C-FL3B-ABS-S01	Female Luer Lock to 3/32" ID	In-line	ABS
E-C-MLFL-ABS-S01	Male to Female Luer Lock	In-line	ABS
E-C-FLML-ABS-S01	Female to Male Luer Lock	In-line	ABS

Viton seal also available

E-C-4BML-ABS-S01-GF02

ISO 80369-7 ABS-Bodied Filtered Check Valve, Silicone Seal, 0.2 Micron Hydrophobic Glass Fibre disc, 1/8" (3.2mm) ID Tube to Male Luer Lock, Cracking Pressure ≤ 0.1 psi

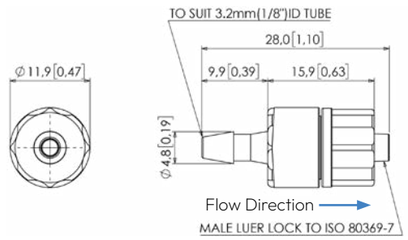
View range

Actual Size



Technical Data

Max. Inlet Pressure: 4 bar (58 psi)
Connection 1: 1/8" (3.2 mm) ID Tube
Connection 2: Male Luer Lock
Mounting Style: In-line
Wetted Materials: ABS, Polystyrene, Silicone, Glass Fibre
Non-wetted Materials: ABS
Recommended Filtration: 0.2 micron hydrophobic filter
Regulatory Information: Meets requirements for USP Class VI, FDA 21 CFR 181.32. California Prop. 65, ISO 80369-7 compatible
Cleanroom Manufactured: Class 8 cleanroom
RoHS/REACH Compliant: Yes
Other Technical Data: An ABS-bodied filtered check valve complete with a Polystyrene cartridge with a Silicone diaphragm, a 0.2 micron hydrophobic Glass Fibre disc with a 12.5mm² filtration area, held by an HDPE holder.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-C-FL4B-ABS-S01-GF02	Female Luer Lock to 1/8" ID	In-line	ABS
E-C-2BML-ABS-S01-GF02	1/16" ID to Male Luer Lock	In-line	ABS
E-C-FL2B-ABS-S01-GF02	Female Luer Lock to 1/16" ID	In-line	ABS
E-C-3BML-ABS-S01-GF02	3/32" ID to Male Luer Lock	In-line	ABS
E-C-FL3B-ABS-S01-GF02	Female Luer Lock to 3/32" ID	In-line	ABS

Viton seal also available

E-C-180189

ISO 80369-7 SAN/MABS-Bodied Luer Check Valve, Silicone Seal, 3.1mm OD Bond-In Port to Male Luer Lock, Cracking Pressure 2.9 psi

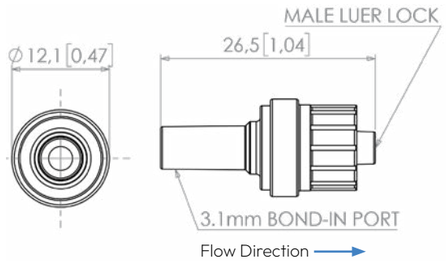
View range

Actual Size



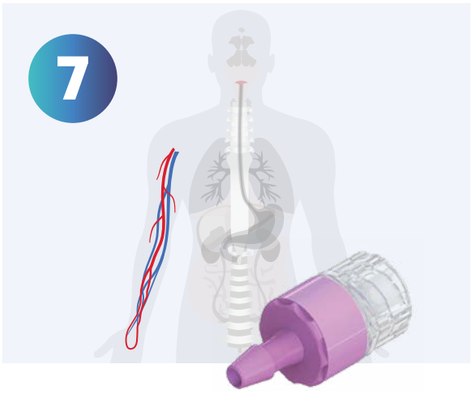
Technical Data

Max. Inlet Pressure: 21 bar (305 psi)
Connection 1: .122" (3.1 mm) OD Bond-in Port
Connection 2: Male Luer Lock
Mounting Style: In-line
Wetted Materials: SAN, MABS, Silicone
Non-wetted Materials: SAN, MABS
Recommended Filtration: Depending on application
Regulatory Information: Meets Requirements for USP Class VI, ISO 10993, ISO 80369-7 compatible
Cleanroom Manufactured: Class 8 cleanroom
RoHS/REACH Compliant: Yes
Other Technical Data: A MABS and SAN-bodied check valve complete with a Silicone diaphragm. Designed for easy disconnection.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-C-180190	3.1mm ID/4.2mm OD	In-line	SAN, MABS
E-C-180191	Female Luer Lock to 4.1mm OD	In-line	SAN, MABS



ISO 80369-7

Reducing the risk of misconnections

ISO 80369-7 is the standard that defines the dimensions, design and performance testing for luer connectors used in intravascular (IV) and hypodermic medical applications. The ISO 80369 standard was developed to reduce the risk of medical tubing and connector misconnections.

E-C-180184

Check Valve, Female Luer Lock to Male Luer Lock, SAN Blue - Clear MABS Body with Silicone Disc

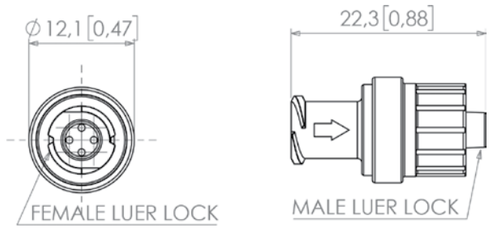
View range

Actual Size



Technical Data

Connection 1: Female Luer Lock
Connection 2: Male Luer Lock
Mounting Style: In-line
Wetted Materials: SAN Blue - Clear MABS, Silicone
Non-wetted Materials: SAN Blue - Clear MABS
Recommended Filtration: Depending on application
Regulatory Information: Meets Requirements for USP Class VI, FDA 21 CFR 181.32. California Prop. 65
Cleanroom Manufactured: Class 8 cleanroom
RoHS/REACH Compliant: Yes
Other Technical Data: SAN Blue - Clear MABS check valve with Silicone disc. Female luer inlet and male luer outlet. 2.9 PSI cracking pressure. Conflict Mineral Compliant. DEHP Free. Animal Derivative Free. BPA Free. Phthalate Free. Latex Free.



Need cleanroom manufactured parts?



Our ISO accredited 7 and 8 cleanrooms enable us to provide precision packing and custom sub-assembly for medical OEMs and other high specification industries.

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E-C-250018

Clear and Blue MABS-Bodied Rotatable Double Check Valves with Cap, Silicone Seal, 4.1mm OD Bond-In Port to Male Luer Lock, Cracking Pressure 5.8 psi

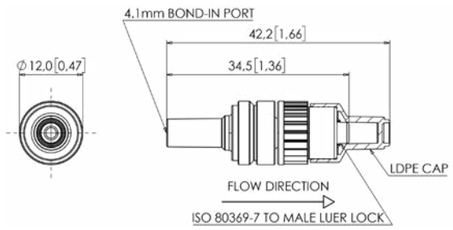
View range

Actual Size



Technical Data

Connection 1: 4.1mm Bond-In Port
Connection 2: Male Luer Lock
Mounting Style: In-line
Wetted Materials: MABS, Silicone
Non-wetted Materials: MABS, LDPE
Recommended Filtration: Depending on application
Regulatory Information: Meets requirements for USP Class VI, California Prop. 65, ISO 80369-7 compatible
Cleanroom Manufactured: Class 8 cleanroom
RoHS/REACH Compliant: Yes
Other Technical Data: Integrates two identical, high performance membranes to ensure maximum reliability and safety. Specifically designed for contrast media injection to provide a redundant protected patient connector and effectively prevent backflow to the injector line.



E-C-250017

Clear MABS-Bodied Double Check Valves, Silicone Seal, 4.1mm OD Bond-In Port, Cracking Pressure 7.3 bar

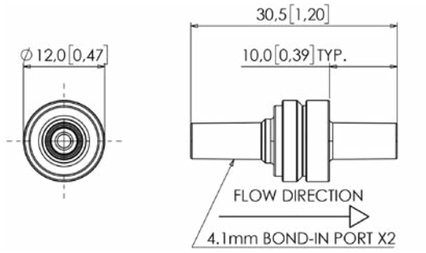
View range

Actual Size



Technical Data

Connections: Bond-In Port to suit 4.1mm OD Tube
Mounting Style: In-line
Wetted Materials: Clear MABS, Silicone
Non-wetted Materials: Clear MABS
Recommended Filtration: Depending on application
Regulatory Information: Meets requirements for USP Class VI, California Prop. 65
Cleanroom Manufactured: Class 8 cleanroom
RoHS/REACH Compliant: Yes
Other Technical Data: Integrates two identical, high performance membranes to ensure maximum reliability and safety. Specifically designed for contrast media injection to provide a redundant protected patient connector and effectively prevent backflow to the injector line.



E-C-250011

Noryl Check Valve, Silicone Seal, 1/16" Straight Ports, Cracking Pressure < 0.03 psi

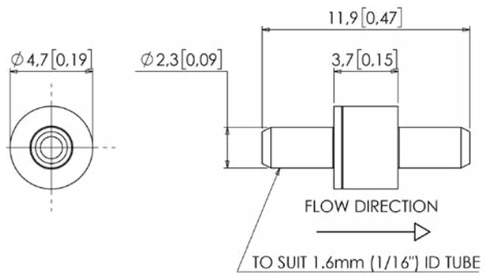
View range

Actual Size



Technical Data

Max. Inlet Pressure: 2.06 bar (30 psi)
Connections: 1/16" (1.6mm) ID Tube
Mounting Style: In-line
Wetted Materials: Noryl, Silicone
Non-wetted Materials: Noryl
Media/Ambient Temperature: 4°C to 66°C (40°F to 150°F)
Recommended Filtration: 5 micron
RoHS/REACH Compliant: Yes
Other Technical Data: Constructed from Noryl, it features a grey inlet and black outlet for clear, intuitive flow direction - minimising installation errors and ensuring reliable performance. Ideal for medical, HVAC, light industrial, process control, pumps, gas mixers and drip irrigation applications.



E-C-250010

Polycarbonate Check Valve, Silicone Seal, 1/16" Straight Ports, Cracking Pressure < 0.03 psi

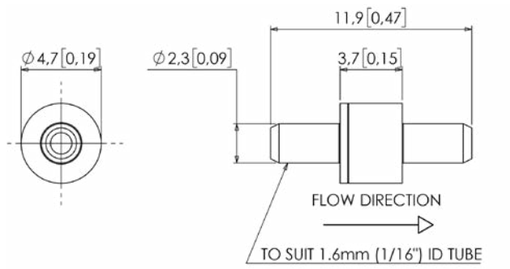
View range

Actual Size



Technical Data

Max. Inlet Pressure: 2.06 bar (30 psi)
Connections: 1/16" (1.6mm) ID Tube
Mounting Style: In-line
Wetted Materials: Polycarbonate, Silicone
Non-wetted Materials: Polycarbonate
Media/Ambient Temperature: 4°C to 66°C (40°F to 150°F)
Recommended Filtration: 5 micron
RoHS/REACH Compliant: Yes
Other Technical Data: Constructed from Polycarbonate, it features a white inlet and black outlet for clear, intuitive flow direction - minimising installation errors and ensuring reliable performance. Ideal for medical, HVAC, light industrial, process control, pumps, gas mixers and drip irrigation applications.



E-C-180021

Polysulfone-Bodied Check Valve (Blue Symbol), Silicone Seal, 1/16" (1.6mm) ID Tube, Cracking Pressure < 0.03 psi

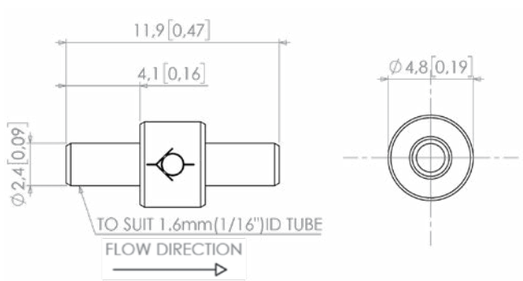
View range

Actual Size



Technical Data

Max. Inlet Pressure: 0.68 bar (10 psi)
Connections: 1/16" (1.6mm) ID Tube
Mounting Style: In-line
Wetted Materials: Polysulfone, Silicone
Non-wetted Materials: Polysulfone
Media/Ambient Temperature: 5°C to 48°C (40°F to 120°F)
Recommended Filtration: 5 micron
RoHS/REACH Compliant: Yes
Other Technical Data: A miniature in-line Polysulfone-bodied check valve complete with a Silicone disc. Straight ports inlet and outlet to suit 1/16" ID (1.6mm) tube and has a cracking pressure of lower than 0.03 psi. Designed to have a low cracking pressure and a minimum differential for forward flow.

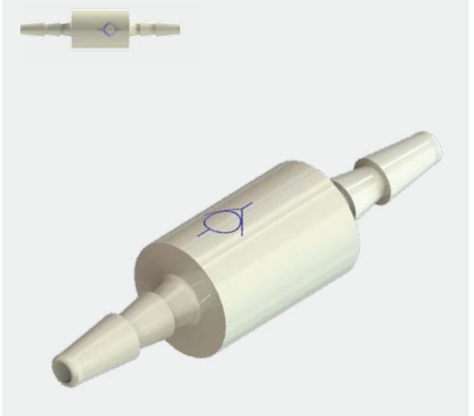


E-C-180017

Polysulfone-Bodied Check Valve (Blue Symbol), Silicone Seal, 1/16" (1.6mm) ID Tube, Cracking Pressure < 0.03 psi

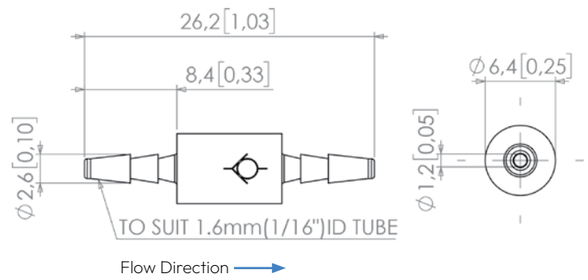
View range

Actual Size



Technical Data

Max. Inlet Pressure: 0.68 bar (10 psi)
Connections: 1/16" (1.6mm) ID Tube
Mounting Style: In-line
Wetted Materials: Polysulfone, Silicone
Non-wetted Materials: Polysulfone
Media/Ambient Temperature: 5°C to 48°C (40°F to 120°F)
Recommended Filtration: 5 micron
RoHS/REACH Compliant: Yes
Other Technical Data: A miniature in-line Polysulfone-bodied check valve complete with a Silicone disc. Barbed ports inlet and outlet to suit 1/16" ID (1.6mm) tube and has a cracking pressure of lower than 0.03 psi. Designed to have a low cracking pressure and a minimum differential for forward flow.

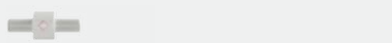


E-C-180019

Polypropylene-Bodied Check Valve (Red Symbol), Silicone Seal, 1/16" (1.6mm) ID Tube, Cracking Pressure < 0.03 psi

View range

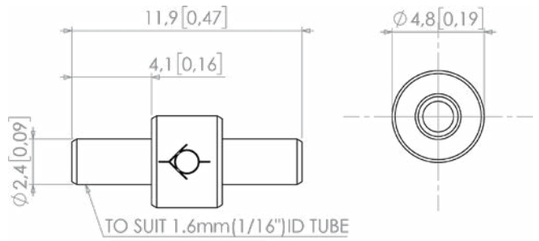
Actual Size





Technical Data

Max. Inlet Pressure: 0.68 bar (10 psi)
Connections: 1/16" (1.6mm) ID Tube
Mounting Style: In-line
Wetted Materials: Polysulfone, Silicone
Non-wetted Materials: Polysulfone
Media/Ambient Temperature: 5°C to 48°C (40°F to 120°F)
Recommended Filtration: 5 micron
RoHS/REACH Compliant: Yes
Other Technical Data: A miniature in-line Polypropylene-bodied check valve complete with a Silicone disc. Straight ports inlet and outlet to suit 1/16" ID (1.6mm) tube and has a cracking pressure of lower than 0.03 psi. Designed to have a low cracking pressure and a minimum differential for forward flow.



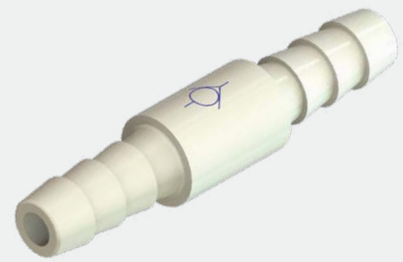
E-C-180014

Polysulfone-Bodied Check Valve, (Blue Symbol), Internal Silicone Disc, 1/8" (3.2mm) ID Tube, Cracking Pressure < 0.03 psi

View range

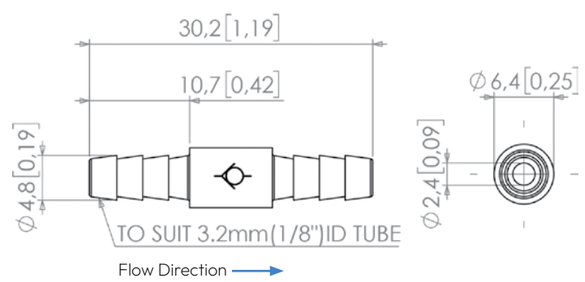
Actual Size





Technical Data

Max. Inlet Pressure: 0.68 bar (10 psi)
Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Polysulfone, Silicone
Non-wetted Materials: Polysulfone
Media/Ambient Temperature: 5°C to 48°C (40°F to 120°F)
Recommended Filtration: 5 micron
RoHS/REACH Compliant: Yes
Other Technical Data: A miniature in-line Polysulfone-bodied check valve complete with a Silicone disc. Barbed ports inlet and outlet to suit 1/8" ID (3.2mm) tube and has a cracking pressure of lower than 0.03 psi. Designed to have a low cracking pressure and a minimum differential for forward flow.



E-C-190033

Nylon-Bodied Check Valve, Fluorosilicone Seal, 1/4" (6.4mm) ID Tube, 0.020", Cracking Pressure < 0.1 psi

View range

Actual Size

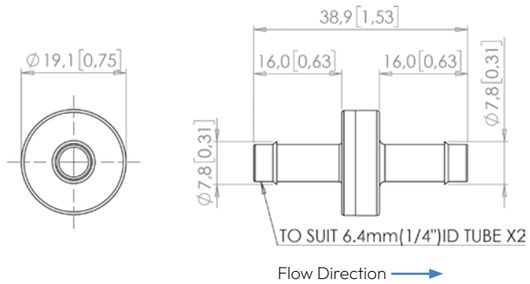




Also available:
E-C-2015-0041 - 1/4" ID, Kynar

Technical Data

Max. Inlet Pressure: 3.45 bar (50 psi)
Connections: 1/4" (6.4mm) ID Tube
Mounting Style: In-line
Wetted Materials: Nylon, Fluorosilicone
Non-wetted Materials: Nylon
Media/Ambient Temperature: 82°C (180°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: An in-line Nylon-bodied check valve complete with a 0.020" thickness Fluorosilcone diaphragm. Barbed ports inlet and outlet to suit 1/4" (6.4mm) ID tube and has a cracking pressure of lower than 0.1 psi.



E-C-180161

Nylon-Bodied Check Valve, Fluorosilicone Seal, 3/8" (9.5mm) ID Tube, Cracking Pressure < 0.1 psi

View range

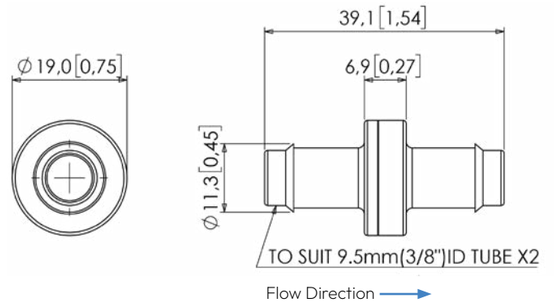
Actual Size





Technical Data

Max. Inlet Pressure: 3.45 bar (50 psi)
Connections: 3/8" (9.5mm) ID Tube
Mounting Style: In-line
Wetted Materials: Nylon, Fluorosilicone
Non-wetted Materials: Nylon
Media/Ambient Temperature: 82°C (180°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: An in-line Nylon-bodied check valve complete with a Fluorosilcone diaphragm. Barbed ports inlet and outlet to suit 3/8" (9.5mm) ID tube and has a cracking pressure of lower than 0.1 psi.

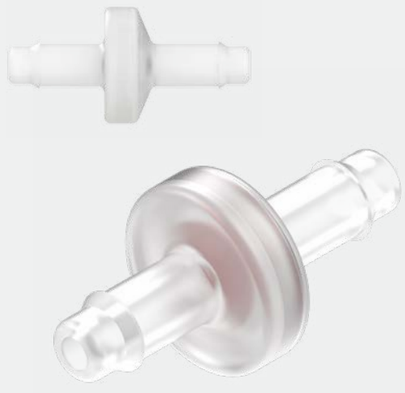


E-C-180040

Polypropylene-Bodied Check Valve, Viton (FKM), 1/4" (6.4mm) ID Tube, Cracking Pressure 0.5 psi

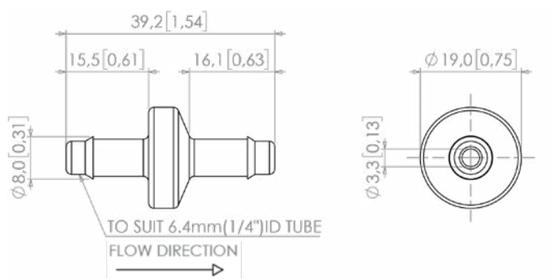
View range

Actual Size



Technical Data

Max. Inlet Pressure: 1.03 bar (15 psi)
Connections: 1/4" (6.4mm) ID Tube
Mounting Style: In-line
Wetted Materials: Polypropylene, Viton (FKM)
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: -29°C to 121°C (-20°F to 250°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: Polypropylene-bodied check valve complete with Viton (FKM) diaphragm. Barb ports inlet and outlet to suit 1/4" (6.4mm) ID tube. Cracking pressure of 0.5 psi. Will operate in any orientation. Can be used with vacuum or pressure and is suitable for some vapour, gas and fluid systems.



E-C-180022

Polysulfone-Bodied Check Valve (Black Housing), Silicone Seal, 10-32 UNF Female Thread, Cracking Pressure < 0.36 psi

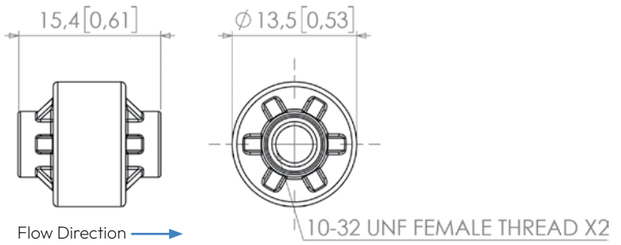
View range

Actual Size

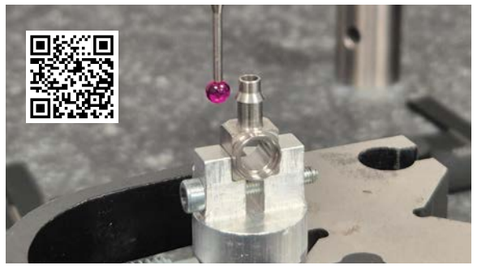


Technical Data

Max. Inlet Pressure: 5.2 bar (75 psi)
Connections: 10-32 UNF Female Thread
Mounting Style: Threaded
Wetted Materials: Polysulfone, Silicone
Non-wetted Materials: Polysulfone
Media/Ambient Temperature: 5°C to 48°C (40°F to 120°F)
Recommended Filtration: 5 micron
RoHS/REACH Compliant: Yes
Other Technical Data: An in-line black Polysulfone-bodied check valve complete with a Silicone disc. 10-32 UNF female thread inlet and outlet and has a cracking pressure of lower than 0.36 psi. Designed to have a low cracking pressure and a minimum differential for forward flow.
Flow rate - 56.6 LPM (2 SCFM).



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Housing - also available:



Polysulfone-Bodied Check Valve (Black Housing) 1/8" and 1/16"

E-C-180015 - 1/8" (3.2mm) ID Tube
E-C-180018 - 1/16" (1.6mm) ID Tube

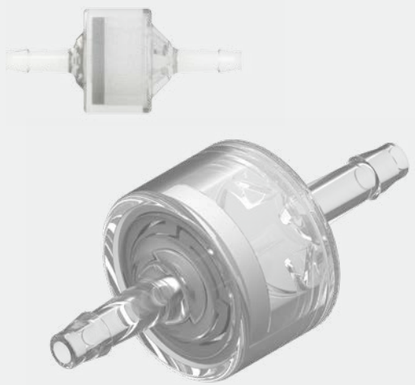
Contact: +44 (0)23 9226 6031 | sales@westgroup.co.uk | westgroup.co.uk

E-C-240059

Medical-grade Acrylic High Flow Check Valve, Silicone Seal, 1/8" ID (3.2mm) ID Tube, Cracking Pressure < 0.1 psi

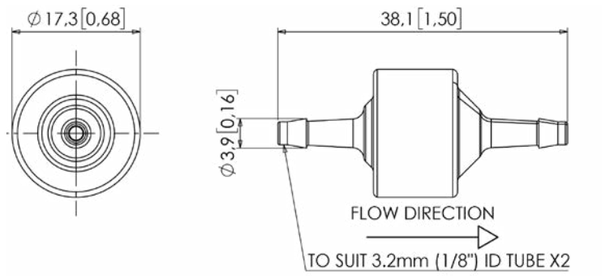
View range

Actual Size



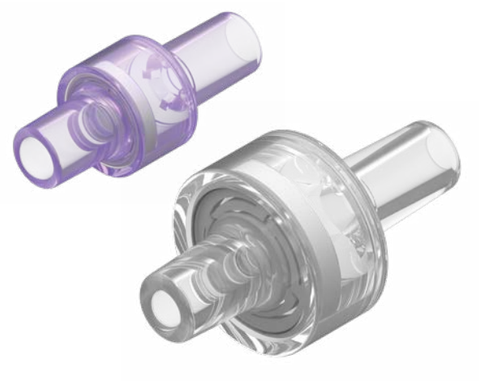
Technical Data

Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Medical-grade Acrylic, Silicone
Non-wetted Materials: Medical-grade Acrylic
Recommended Filtration: Depending on application
Regulatory Information: USP Class VI
Cleanroom Manufactured: Class 8 cleanroom
RoHS/REACH Compliant: Yes
Other Technical Data: Design supports high flow rates, enabling efficient fluid transfer with minimal pressure loss. Made from USP Class VI compliant, medical-grade materials, it is ideal for medical, pharmaceutical, water management and industrial applications.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-C-240056	1/8" ID Bond-In Port	In-line	Medical-grade Acrylic
E-C-240058	3/32" ID Bond-In Port	In-line	Medical-grade Acrylic
E-C-240060	3/16" ID	In-line	Medical-grade Acrylic
E-C-240057	1/4" ID Bond-In Port	In-line	Medical-grade Acrylic
E-C-240061	1/4" ID	In-line	Medical-grade Acrylic
E-C-240062	5/16" ID	In-line	Medical-grade Acrylic
E-C-240063	3/8" ID	In-line	Medical-grade Acrylic



Key Features

- Low opening pressure and low flow resistance
- Positive seal against back flow even at very low back pressure
- Constructed from medical-grade acrylic, radiation stable polycarbonate and silicone materials
- Available with both bond-in or barbed tube fittings
- Cleanoom manufactured

E-C-240067

Radiation Stable Polycarbonate Check Valve, Silicone Seal, 1/8" ID (3.2mm) ID Tube, Cracking Pressure < 0.1 psi

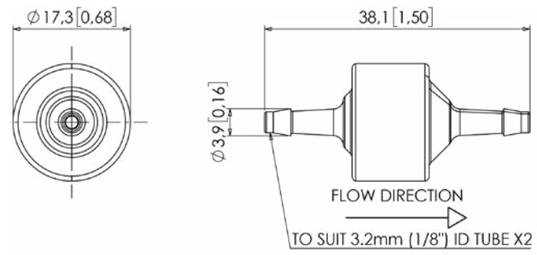
View range

Actual Size



Technical Data

Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Radiation Stable Polycarbonate, Silicone
Non-wetted Materials: Radiation Stable Polycarbonate
Recommended Filtration: Depending on application
Regulatory Information: USP Class VI
Cleanroom Manufactured: Class 8 cleanroom
RoHS/REACH Compliant: Yes
Other Technical Data: Design supports high flow rates, enabling efficient fluid transfer with minimal pressure loss. Made from USP Class VI compliant, medical-grade materials, it is ideal for medical, pharmaceutical, water management and industrial applications.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-C-240064	1/8" ID Bond-In Port	In-line	Radiation Stable Polycarbonate
E-C-240066	3/32" ID Bond-In Port	In-line	Radiation Stable Polycarbonate
E-C-240068	3/16" ID	In-line	Radiation Stable Polycarbonate
E-C-240065	1/4" ID Bond-In Port	In-line	Radiation Stable Polycarbonate
E-C-240069	1/4" ID	In-line	Radiation Stable Polycarbonate
E-C-240070	5/16" ID	In-line	Radiation Stable Polycarbonate
E-C-240071	3/8" ID	In-line	Radiation Stable Polycarbonate

E-C-210005

Animal Free Polypropylene-Bodied Check Valve, Silicone Seal, 1/8" (3.2mm) ID Tube, Cracking Pressure < 0.1 psi

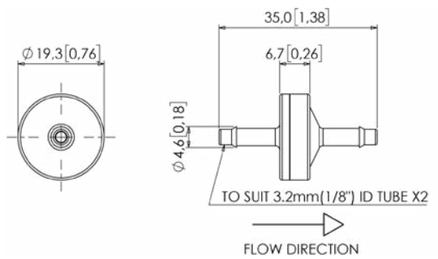
View range

Actual Size



Technical Data

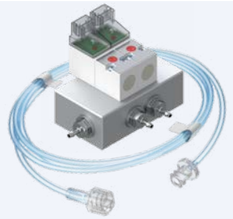
Max. Inlet Pressure: 3.45 bar (50 psi)
Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Animal Free Polypropylene, Silicone
Non-wetted Materials: Animal Free Polypropylene
Recommended Filtration: Depending on application
Regulatory Information: Animal Free Polypropylene - USP Class VI, FDA 21 CFR 177.1520(a)(3)(i) and (c), Silicone - USP Class VI, FDA 21 CFR 177.2600
Cleanroom Manufactured: Class 7 cleanroom
RoHS/REACH Compliant: Yes
Other Technical Data: An Animal Free Polypropylene-bodied check valve complete with a Silicone diaphragm. Barbed ports inlet and outlet to suit 1/8" (3.2mm) ID tube and has a cracking pressure of lower than 0.1 psi.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-C-230004	1/4" ID	In-line	Animal Free Polypropylene
E-C-230002	3/8" ID	In-line	Animal Free Polypropylene

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E-C-180194

Kynar-Bodied Check Valve, Viton (FKM) Seal, 1/8" (3.2mm) ID Tube, Cracking Pressure < 0.1 psi

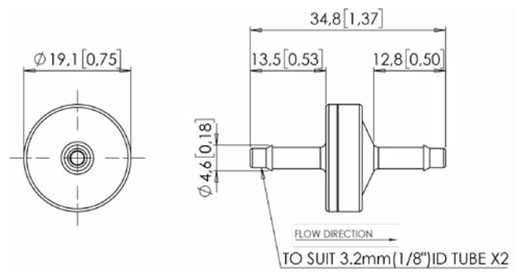
View range

Actual Size



Technical Data

Max. Inlet Pressure: 3.45 bar (50 psi)
Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Kynar, FDA 21 CFR 177.2600 Viton (FKM)
Non-wetted Materials: Kynar
Recommended Filtration: Depending on application
Regulatory Information: Viton - FDA 21 CFR 177.2600
Cleanroom Manufactured: Class 7 cleanroom
RoHS/REACH Compliant: Yes
Other Technical Data: An in-line Kynar-bodied check valve complete with a FDA 21 CFR 177.2600 Viton (FKM) diaphragm. Barbed ports inlet and outlet to suit 1/8" (3.2mm) ID tube and has a cracking pressure of lower than 0.1 psi.



More from this range

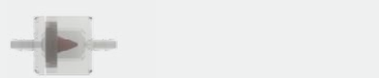
PART NUMBER	SIZE	STYLE	MATERIAL
E-C-2015-0041	1/4" ID	In-line	Kynar - Silicone Seal
E-C-2015-0042	3/8" ID	In-line	Kynar - Silicone Seal

E-C-200019

ABS/Fluorosilicone, 1/16" (1.6mm) Barbed Duckbill Check Valve, Cracking Pressure ≤ 25 Mbar

View range

Actual Size

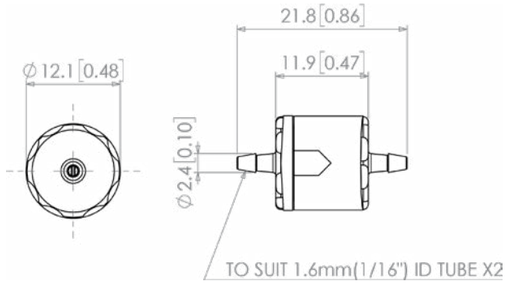




More duckbill check valves available online

Technical Data

Max. Inlet Pressure: 3.45 bar (50 psi)
Connections: 1/16" (1.6mm) ID Tube
Mounting Style: In-line
Wetted Materials: ABS, Fluorosilicone
Non-wetted Materials: ABS
Recommended Filtration: Depending on application
Regulatory Information: Meets Requirements for USP Class VI, FDA 21 CFR 181.32. California Prop. 65
Cleanroom Manufactured: Class 8 cleanroom
RoHS/REACH Compliant: Yes
Other Technical Data: ABS body duckbill check valve with Fluorosilicone. 1/16" barb inlet and outlet. ≤ 25 mbar cracking pressure.





Did you know?

A duckbill valve has no springs or metal parts: its elastomer lips do the sealing and back pressure presses them tighter shut.

Explore our full range of duckbill check valves online.

E-C58-PG-2MB2MB-N3

Modular Blue Check Valve, Buna-N (Nitrile) Seals, 4mm OD Tube Push-in Input and Output, Cracking Pressure 3 psi

View range

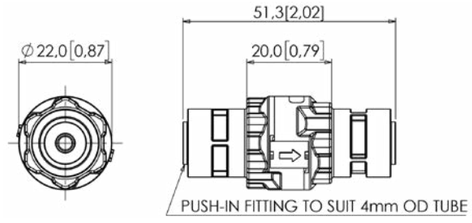
Actual Size



Also available:
E-C58-PG-2NB2NB-N3 - 6mm OD

Technical Data

Max. Inlet Pressure: 7 bar (100 psi)
Connections: Push-In Fitting 4mm OD Tube
Mounting Style: In-line
Wetted Materials: Glass Filled Polypropylene, Polypropylene, Buna-N (Nitrile), 302 Stainless Steel
Non-wetted Materials: Glass Filled Polypropylene
Media/Ambient Temperature: 5°C to 50°C (41°F to 122°F)
Recommended Filtration: Depending on application
Regulatory Information: The Glass Filled Polypropylene materials are compliant to FDA 21 CFR 177.1500. The Polypropylene materials are compliant to FDA 21 CFR 177.1520
RoHS/REACH Compliant: Yes
Other Technical Data: Modular assembly allows multiple combinations. Locking clip to prevent accidental disassembly. Easy to use cartridge for manifold assembly.





Build your own

Our modular check valve range is available in a variety of colours, sizes, O-ring materials and cracking pressures to suit your application.

- Different cracking pressures available on request
- O-ring materials include Nitrile, EDPM, Viton and Silicone
- Available in blue, red or white

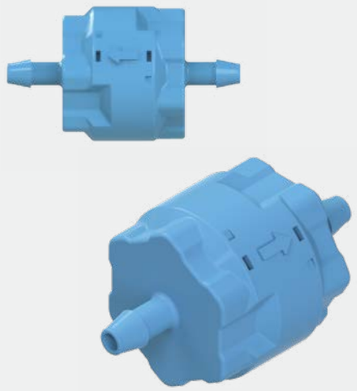
Contact us for more information.

E-C58-PG-1CB1CB-N3

Modular Blue Check Valve, Buna-N (Nitrile) Seals, 1/8" Barb Input and Output, Cracking Pressure 3 psi

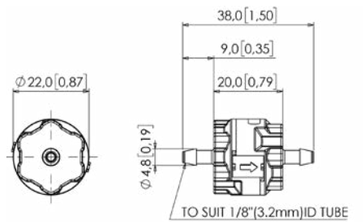
View range

Actual Size



Technical Data

Max. Inlet Pressure: 7 bar (100 psi)
Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Glass Filled Polypropylene, Polypropylene, Buna-N (Nitrile), 302 Stainless Steel
Non-wetted Materials: Glass Filled Polypropylene
Media/Ambient Temperature: 5°C to 50°C (41°F to 122°F)
Recommended Filtration: Depending on application
Regulatory Information: The Glass Filled Polypropylene materials are compliant to FDA 21 CFR 177.1500. The Polypropylene materials are compliant to FDA 21 CFR 177.1520
RoHS/REACH Compliant: Yes
Other Technical Data: Modular assembly allows multiple combinations. Locking clip to prevent accidental disassembly. Easy to use cartridge for manifold assembly.



More from this range

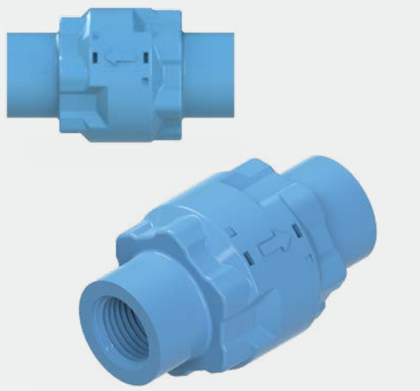
PART NUMBER	SIZE	STYLE	MATERIAL
E-C58-PG-1EB1EB-N3	1/4" (6.4mm) ID	In-line	Glass Filled Polypropylene
E-C58-PG-1FB1FB-N3	5/16" (7.9mm) ID	In-line	Glass Filled Polypropylene
E-C58-PG-1GB1GB-N3	3/8" (9.5mm) ID	In-line	Glass Filled Polypropylene

E-C58-PG-3CB3CB-N3

Modular Blue Check Valve, Buna-N (Nitrile) Seals, 1/8" BSPP Female Input and Output, Cracking Pressure 3 psi

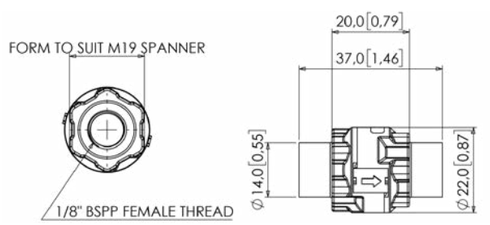
View range

Actual Size



Technical Data

Max. Inlet Pressure: 7 bar (100 psi)
Connections: 1/8" BSPP Female Thread
Mounting Style: Threaded
Wetted Materials: Glass Filled Polypropylene, Polypropylene, Buna-N (Nitrile), 302 Stainless Steel
Non-wetted Materials: Glass Filled Polypropylene
Media/Ambient Temperature: 5°C to 50°C (41°F to 122°F)
Recommended Filtration: Depending on application
Regulatory Information: The Glass Filled Polypropylene materials are compliant to FDA 21 CFR 177.1500. The Polypropylene materials are compliant to FDA 21 CFR 177.1520
RoHS/REACH Compliant: Yes
Other Technical Data: Modular assembly allows multiple combinations. Locking clip to prevent accidental disassembly. Easy to use cartridge for manifold assembly.





Mix 'n' match inlet and outlets!

Modular assembly allows for multiple combinations.
Build to the specification that your application requires.

- **Barb, push-in and female thread connections**

Visit our website or contact us for more details.

Contact: +44 (0)23 9226 6031 | sales@westgroup.co.uk | westgroup.co.uk

E-CC58-PP-N3

Polypropylene Cartridge for Modular Check Valve, Nitrile Seals, Cracking Pressure 0.5 psi

View range

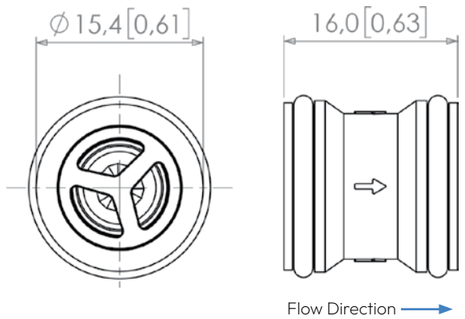
Actual Size



Technical Data

Mounting Style: In-line
Wetted Materials: Polypropylene, Buna-N, 302 Stainless Steel
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: 5°C to 50°C (41°F to 122°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: This cartridge is generally used in pneumatic circuits which require free flow in one direction, indicated with an arrow on the cartridge, and no flow in the opposite direction. Easy to use cartridge for manifold assembly.

Additional cracking pressures:
0.1, 0.5, 1, 2, 3, 4, 5 and 10 psi



Still searching for the right product?





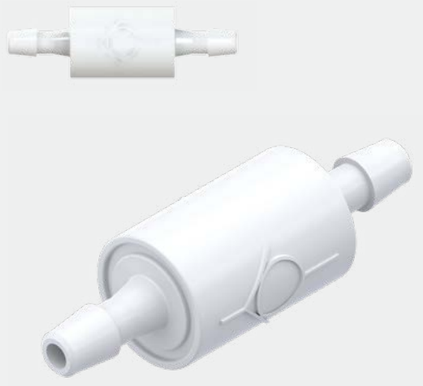

View our full check valve range online or contact us for custom options

E-C-250016

White Polypropylene Check Valve, Buna-N (Nitrile) Seal, 1/8" (3.2mm) ID Tube, Cracking Pressure < 0.5 psi

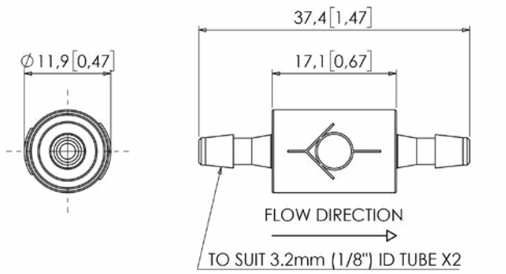
View range

Actual Size



Technical Data

Max. Inlet Pressure: 6.9 bar (100 psi)
Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Polypropylene, Buna-N (Nitrile), 302 Stainless Steel, Acetal
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: 4°C to 66°C (40°F to 150°F)
Recommended Filtration: 5 micron
RoHS/REACH Compliant: Yes
Other Technical Data: This miniature check valve is designed for precision flow control in demanding environments. Constructed from Polypropylene, it features a symbol to indicate inlet and outlet for clear, intuitive flow direction, minimising installation errors and ensuring reliable performance.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-C-230014	1/8" (3.2mm) ID	In-line	Grey Noryl
E-C-250015	1/8" (3.2mm) ID	In-line	Black Polysulfone

Precision Flow Control



- Available in Polypropylene, Noryl and Polysulfone
- Ideal for medical, HVAC, light industrial, process control, pumps, gas mixers and drip irrigation applications

Order online or contact us for more information.

E-C-230026

White Polypropylene-Bodied Swivel Ball Check Valve, Buna-N (Nitrile) Seal, 1/8" (3.2mm) ID Tube, Cracking Pressure 1 psi

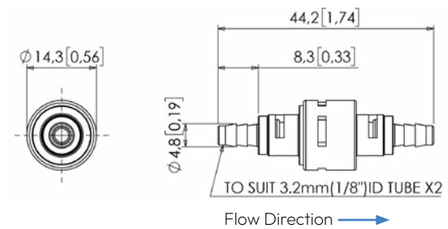
View range

Actual Size



Technical Data

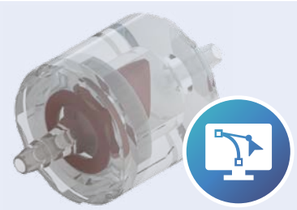
Max. Inlet Pressure: 6.9 bar (100 psi)
Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Polypropylene, Buna-N (Nitrile), Stainless Steel
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: -29°C to 60°C (-20°F to 140°F)
Recommended Filtration: 5 micron
Regulatory Information: Polypropylene - FDA 21 CFR 177.1520 (c) 1.1a, UL certified 94 HB, USP Class VI
RoHS/REACH Compliant: Yes
Other Technical Data: A white Polypropylene-bodied check valve complete with a Polypropylene ball, Stainless Steel spring and Buna-N (Nitrile) seals. Barbed ports inlet and outlet to suit 1/8" (3.2mm) ID tube and has a cracking pressure of 1 psi.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL	CRACKING PRESSURE
E-C-230032	1/8" (3.2mm) ID	In-line	Polypropylene - Buna N Seal	4 psi
E-C-190058	1/8" (3.2mm) ID	In-line	Polypropylene - Silicone Seal	1 psi
E-C-230031	1/8" (3.2mm) ID	In-line	Polypropylene - Silicone Seal	4 psi

Need a custom check valve?



Custom made components designed by our in-house team to meet your specific requirements including connection, material and performance options as well as multiple connection configurations.

Scan the QR code to contact us for more information.

E-C-230024

White Polypropylene-Bodied Swivel Ball Check Valve, Buna-N (Nitrile) Seal, 1/16" (1.6mm) ID Tube, Cracking Pressure 1 psi

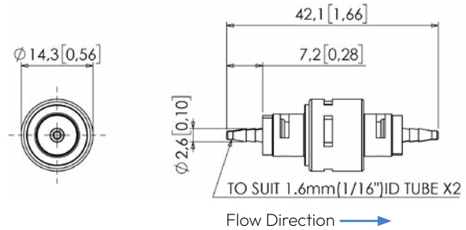
View range

Actual Size



Technical Data

Max. Inlet Pressure: 6.89 bar (100 psi)
Connections: 1/16" (1.6mm) ID Tube
Mounting Style: In-line
Wetted Materials: Polypropylene, Buna-N (Nitrile), Stainless Steel
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: -29°C to 60°C (-20°F to 140°F)
Recommended Filtration: 5 micron
Regulatory Information: Polypropylene - FDA 21 CFR 177.1520 (c) 1.1a, UL certified 94 HB, USP Class VI
RoHS/REACH Compliant: Yes
Other Technical Data: A white Polypropylene-bodied check valve complete with a Polypropylene ball, Stainless Steel spring and Buna-N (Nitrile) seals. Barbed ports inlet and outlet to suit 1/16" (1.6mm) ID tube and has a cracking pressure of 1 psi.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL	CRACKING PRESSURE
E-C-230030	1/16" (3.2mm) ID	In-line	Polypropylene - Buna N Seal	4 psi
E-C-230023	1/16" (3.2mm) ID	In-line	Polypropylene - Silicone Seal	1 psi
E-C-230029	1/16" (3.2mm) ID	In-line	Polypropylene - Silicone Seal	4 psi

E-C-230028

White Polypropylene-Bodied Swivel Ball Check Valve, Buna-N (Nitrile) Seal, 1/4" (6.4mm) ID Tube, Cracking Pressure 1 psi

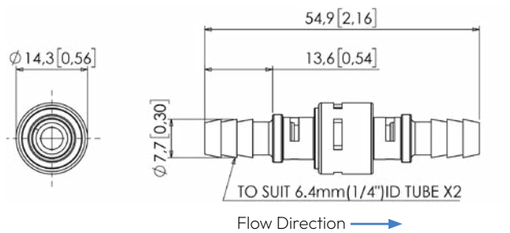
View range

Actual Size



Technical Data

Max. Inlet Pressure: 6.89 bar (100 psi)
Connections: 1/4" (6.4mm) ID Tube
Mounting Style: In-line
Wetted Materials: Polypropylene, Buna-N (Nitrile), Stainless Steel
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: -29°C to 60°C (-20°F to 140°F)
Recommended Filtration: 5 micron
Regulatory Information: Polypropylene - FDA 21 CFR 177.1520 (c) 1.1a, UL certified 94 HB, USP Class VI
RoHS/REACH Compliant: Yes
Other Technical Data: A white Polypropylene-bodied check valve complete with a Polypropylene ball, Stainless Steel spring and Buna-N (Nitrile) seals. Barbed ports inlet and outlet to suit 1/4" (6.4mm) ID tube and has a cracking pressure of 1 psi.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL	CRACKING PRESSURE
E-C-230018	1/4" (6.4mm) ID	In-line	Polypropylene - Buna N Seal	4 psi
E-C-230027	1/4" (6.4mm) ID	In-line	Polypropylene - Silicone Seal	1 psi
E-C-230033	1/4" (6.4mm) ID	In-line	Polypropylene - Silicone Seal	4 psi

E-C-230006

Black Polysulfone Check Valve, Silicone Seal, 10-32 UNF Female Thread, Cracking Pressure 0.5 psi

View range

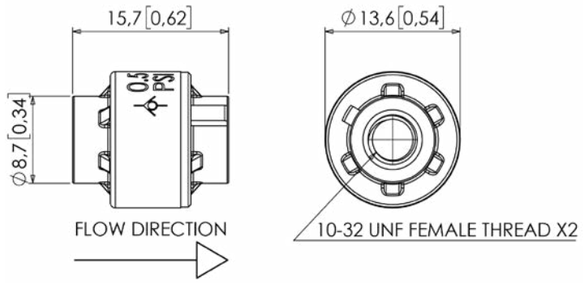
Actual Size



Also available:
E-C-2015-0001 - 10-32 UNF Female Thread, 5 psi

Technical Data

Max. Inlet Pressure: 5.2 bar (75 psi)
Connections: 10-32 UNF Female Thread
Mounting Style: Threaded
Wetted Materials: Polysulfone, Silicone, Stainless Steel
Non-wetted Materials: Polysulfone
Media/Ambient Temperature: 5°C to 48°C (40°F to 120°F)
Recommended Filtration: 5 micron
RoHS/REACH Compliant: Yes
Other Technical Data: A black Polysulfone-bodied check valve complete with a Silicone diaphragm and Stainless Steel spring. 10-32 UNF female thread inlet and outlet and has a cracking presure of 0.5 psi.



Our capabilities



From conception to production, knowledge and understanding of materials, component design fundamentals and market experience are applied at every stage.

- Product development
- Product design
- Manufacturing
- Inspection and testing
- Production assembly

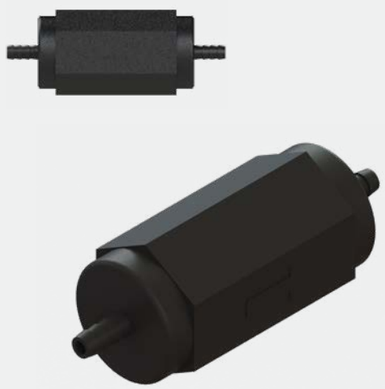
Get in touch today to discuss your next project.

E-C-180061

Kynar-Bodied Check Valve, EPDM Seal, 1/8" (3.2mm) ID Tube, Cracking Pressure 0.33 psi

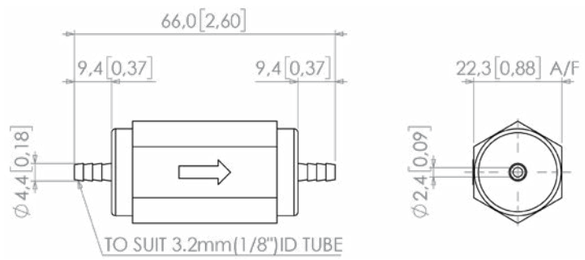
View range

Actual Size



Technical Data

Max. Inlet Pressure: 8.61 bar (125 psi)
Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Kynar, EPDM, 316 & 302 Stainless Steel
Non-wetted Materials: Kynar
Recommended Filtration: 5 micron
RoHS/REACH Compliant: Yes
Other Technical Data: A miniature in-line black Kynar-bodied check valve complete with an EPDM seal, 302 Stainless Steel spring and 316 Stainless Steel ball. Barbed ports inlet and outlet to suit 1/8" (3.2mm) ID tube and has a cracking pressure of 0.33 psi.



Flow Direction →

More from this range

PART NUMBER	SIZE	STYLE	MATERIAL	CRACKING PRESSURE
E-C-180062	1/8" ID	In-line	Black Kynar	1 psi
E-C-180063	1/8" ID	In-line	Black Kynar	1.5 psi
E-C-180064	1/8" ID	In-line	Black Kynar	3 psi
E-C-180065	1/8" ID	In-line	Black Kynar	5 psi
E-C-180066	1/8" ID	In-line	Black Kynar	7 psi
E-C-180067	1/8" ID	In-line	Black Kynar	10 psi
E-C-180068	1/8" ID	In-line	Black Kynar	12 psi

Also available with a Viton seal



EPDM Rubber

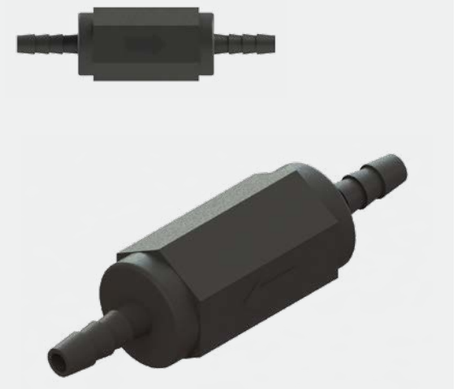
Ethylene Propylene Diene Monomer is a high-density synthetic rubber commonly used for outdoor applications, offering a balance of natural and synthetic rubber properties.

E-C-180053

Kynar-Bodied Check Valve, EPDM Seal, 1/4" (6.4mm) ID Tube, Cracking Pressure 0.33 psi

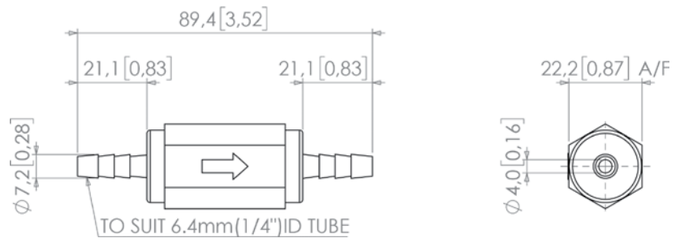
View range

Actual Size



Technical Data

Max. Inlet Pressure: 8.61 bar (125 psi)
Connections: 1/4" (6.4mm) ID Tube
Mounting Style: In-line
Wetted Materials: Kynar, EPDM, 316 & 302 Stainless Steel
Non-wetted Materials: Kynar
Recommended Filtration: 5 micron
RoHS/REACH Compliant: Yes
Other Technical Data: A miniature in-line black Kynar-bodied check valve complete with an EPDM seal, 302 Stainless Steel spring and 316 Stainless Steel ball. Barbed ports inlet and outlet to suit 1/4" (6.4mm) ID tube and has a cracking pressure of 0.33 psi.



Flow Direction →

More from this range

PART NUMBER	SIZE	STYLE	MATERIAL	CRACKING PRESSURE
E-C-180054	1/4" ID	In-line	Black Kynar	1 psi
E-C-180055	1/4" ID	In-line	Black Kynar	1.5 psi
E-C-180056	1/4" ID	In-line	Black Kynar	3 psi
E-C-180057	1/4" ID	In-line	Black Kynar	5 psi
E-C-180058	1/4" ID	In-line	Black Kynar	7 psi
E-C-180059	1/4" ID	In-line	Black Kynar	10 psi
E-C-180060	1/4" ID	In-line	Black Kynar	12 psi

Also available with a Viton seal



Viton Rubber

Viton™ is a DuPont® fluoropolymer elastomer that resists chemicals and high temperatures while retaining its flexibility in demanding environments.

E-C-180089

Polypropylene-Bodied Check Valve, EPDM Seal, 1/8" (3.2mm) ID Tube, Cracking Pressure 0.5 psi

View range

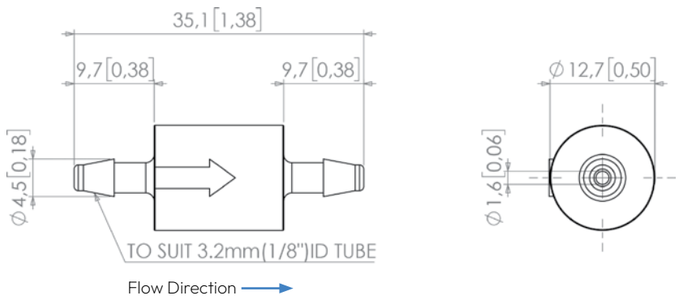
Actual Size





Technical Data

Max. Inlet Pressure: 8.61 bar (125 psi)
Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Polypropylene, EPDM, 316 & 302 Stainless Steel
Non-wetted Materials: Polypropylene
Recommended Filtration: 5 micron
RoHS/REACH Compliant: Yes
Other Technical Data: A miniature In-line Polypropylene-bodied check valve with an EPDM seal, Stainless Steel spring, Stainless Steel ball, barbed ports to suit 1/8" ID tubing and a cracking pressure of 0.5 psi.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL	CRACKING PRESSURE
E-C-180090	1/8" ID	In-line	Polypropylene	1 psi
E-C-180091	1/8" ID	In-line	Polypropylene	2 psi
E-C-180092	1/8" ID	In-line	Polypropylene	3 psi

Also available with a Viton seal

E-C-180085

Polypropylene-Bodied Check Valve, EPDM Seal, 1/4" (6.4mm) ID Tube, Cracking Pressure 0.5 psi

View range

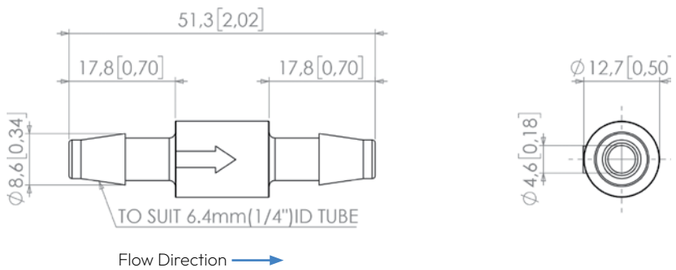
Actual Size





Technical Data

Max. Inlet Pressure: 8.61 bar (125 psi)
Connections: 1/4" (6.4mm) ID Tube
Mounting Style: In-line
Wetted Materials: Polypropylene, EPDM, 316 & 302 Stainless Steel
Non-wetted Materials: Polypropylene
Recommended Filtration: 5 micron
RoHS/REACH Compliant: Yes
Other Technical Data: A miniature in-line Polypropylene-bodied check valve complete with an EPDM seal, 302 Stainless Steel spring and 316 Stainless Steel ball. Barbed ports inlet and outlet to suit 1/4" (6.4mm) ID tube and has a cracking pressure of 0.5 psi.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL	CRACKING PRESSURE
E-C-180086	1/4" ID	In-line	Polypropylene	1 psi
E-C-180087	1/4" ID	In-line	Polypropylene	2 psi
E-C-180088	1/4" ID	In-line	Polypropylene	3 psi

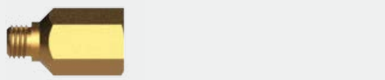
Also available with a Viton seal

E-C-180024

Brass-Bodied Check Valve, Buna-N (Nitrile) Seal, M5 Male Thread to M5 Female Thread, Cracking Pressure 0.5 psi

View range

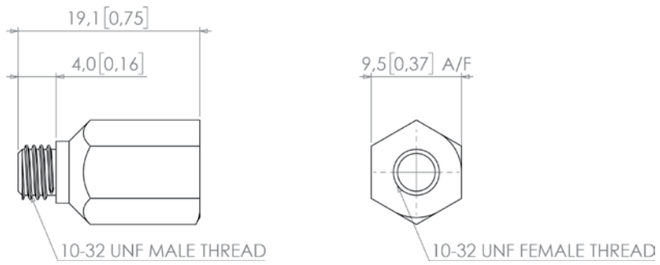
Actual Size





Technical Data

Max. Inlet Pressure: 21 bar (300 psi)
Connection 1: M5 Male Thread
Connection 2: M5 Female Thread
Mounting Style: Threaded
Wetted Materials: Brass, Buna-N (Nitrile), Stainless Steel
Non-wetted Materials: Brass
Recommended Filtration: 5 micron
RoHS/REACH Compliant: Yes
Other Technical Data: Brass-bodied check valve complete with a Brass poppet and Buna-N (Nitrile) seal. M5 male thread inlet to M5 female thread outlet and has a cracking pressure of 0.5 psi. Flow rate - 180 LPM.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-C-180026	10-32 UNF Female	Threaded	Brass
E-C-180025	10-32 UNF Female to Male	Threaded	Brass
E-C-180023	10-32 UNF Male to Female	Threaded	Brass

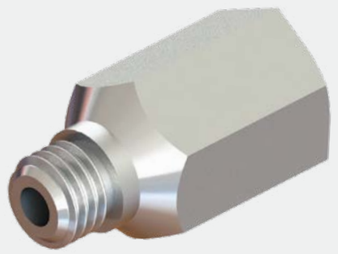
E-C-180032

Nickel Plated Brass-Bodied Check Valve, Viton (FKM) Seal, M5 Male Thread to M5 Female Thread, Cracking Pressure 0.5 psi

View range

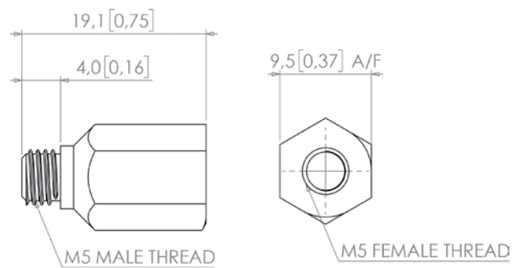
Actual Size





Technical Data

Max. Inlet Pressure: 21 bar (300 psi)
Connection 1: M5 Male Thread
Connection 2: M5 Female Thread
Mounting Style: Threaded
Wetted Materials: Brass, Nickel Plated Brass, Viton, Stainless Steel
Non-wetted Materials: Nickel Plated Brass
Recommended Filtration: 5 micron
RoHS/REACH Compliant: Yes
Other Technical Data: 0.69 bar (≤ 10 psi) to fully open the check valve. These valves are compatible with air and hydraulic oil, they are not intended for use as a pressure relief valve. Flow rate - 184 LPM.



More from this range

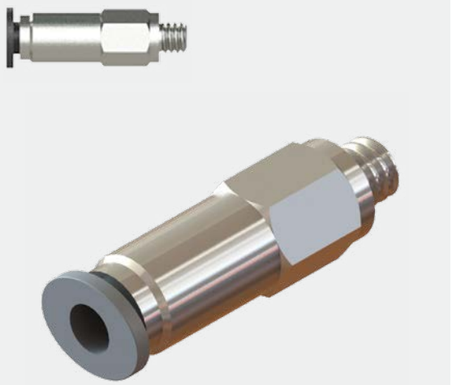
PART NUMBER	SIZE	STYLE	MATERIAL	CRACKING PRESSURE
E-C-180033	1/8" BSPP Female	Threaded	Nickel Plated Brass	0.5 psi
E-C-180036	M5 Female Thread	Threaded	Nickel Plated Brass	1 psi

E-C-180128

Nickel Plated Brass-Bodied Check Valve, Buna-N (Nitrile) Seal, 4mm OD Push-In Fitting to M5 Male Thread, Cracking Pressure 1.45 psi

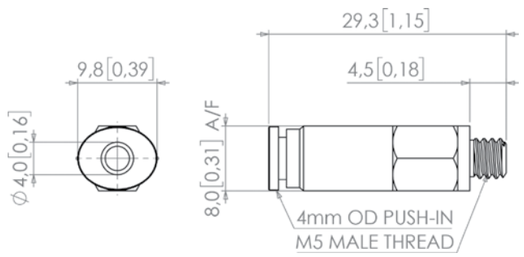
View range

Actual Size



Technical Data

Max. Inlet Pressure: 10.34 bar (150 psi)
Connection 1: 4mm OD Push-In Fitting
Connection 2: M5 Male Thread
Mounting Style: Threaded
Wetted Materials: Nickel Plated Brass, Buna-N (Nitrile), Stainless Steel, Aluminium
Non-wetted Materials: Nickel Plated Brass, Acetal, Stainless Steel
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: A Nickel Plated Brass-bodied check valve with a 4mm OD Push-In inlet, M5 male threaded outlet and a cracking pressure of 1.45 psi. This check valve is able to keep the service pressure at -750mm Hg (vacuum) and permits piping under low pressure. Flow rate 2 LPM.



More from this range

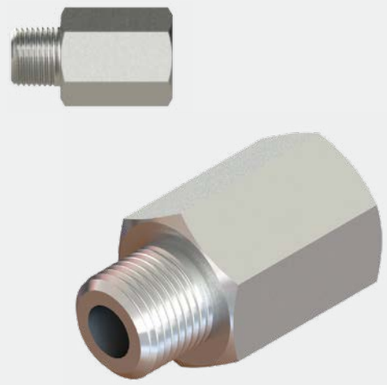
PART NUMBER	SIZE	STYLE	MATERIAL
E-C-180126	M5 Male Thread to 4mm OD	Threaded	Nickel Plated Brass
E-C-180127	4mm OD to 1/8" BSPT Male	Threaded	Nickel Plated Brass
E-C-180130	6mm OD to 1/4" BSPT Male	Threaded	Nickel Plated Brass
E-C-180129	6mm OD to 1/8" BSPT Male	Threaded	Nickel Plated Brass
E-C-180132	8mm OD to 1/4" BSPT Male	Threaded	Nickel Plated Brass
E-C-180131	8mm OD to 1/8" BSPT Male	Threaded	Nickel Plated Brass
E-C-180124	1/4" BSPT Male to 6mm OD	Threaded	Nickel Plated Brass
E-C-180125	1/4" BSPT Male to 8mm OD	Threaded	Nickel Plated Brass
E-C-180121	1/8" BSPT Male Thread to 4mm OD	Threaded	Nickel Plated Brass
E-C-180122	1/8" BSPT Male Thread to 6mm OD	Threaded	Nickel Plated Brass
E-C-180123	1/8" BSPT Male Thread to 8mm OD	Threaded	Nickel Plated Brass

E-C-180119

Nickel Plated Brass-Bodied Check Valve, Buna-N (Nitrile) Seal, 1/8" BSPT Male Thread to 1/8" BSPT Female Thread, Cracking Pressure 1.45 psi

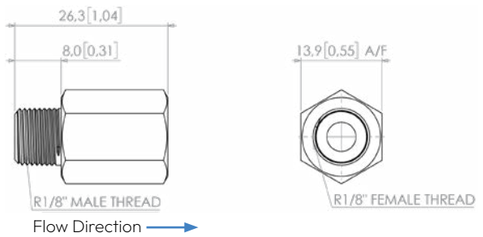
View range

Actual Size



Technical Data

Max. Inlet Pressure: 10.34 bar (150 psi)
Connection 1: 1/8" BSPT Male Thread
Connection 2: 1/8" BSPT Female Thread
Mounting Style: Threaded
Wetted Materials: Nickel Plated Brass, Buna-N (Nitrile), Stainless Steel, Aluminium
Non-wetted Materials: Nickel Plated Brass
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: An in-line Nickel Plated Brass-bodied check valve complete with an Aluminium poppet, Stainless Steel spring and Buna-N (Nitrile) seal. 1/8" BSPT male thread inlet to 1/8" BSPT female thread and has a cracking pressure of 1.45 psi. This check valve is able to keep the service pressure at -750mm Hg (vacuum) and permits piping under low pressure.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-C-180120	1/4" BSPT Male to 1/4" BSPT Female	Threaded	Nickel Plated Brass
E-C-180118	1/4" BSPT Female to 1/4" BSPT Male	Threaded	Nickel Plated Brass
E-C-180117	1/8" BSPT Female to 1/8" BSPT Male	Threaded	Nickel Plated Brass

E-C-240014

Nylon Umbrella Check Valve, Viton (FKM) Seal, 1/8" (3.2mm) ID Tube, Cracking Pressure 0.25 psi

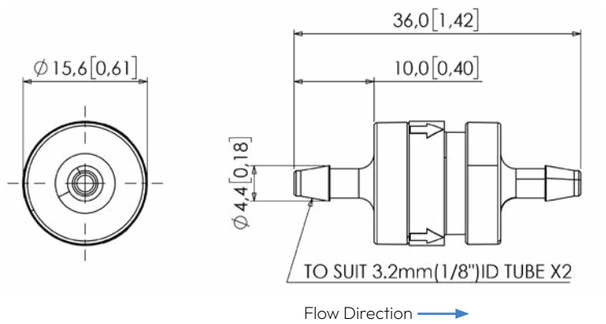
View range

Actual Size



Technical Data

Max. Inlet Pressure: 3.45 bar (50 psi)
Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Nylon, Viton (FKM)
Non-wetted Materials: Nylon
Recommended Filtration: 5 micron
RoHS/REACH Compliant: Yes
Other Technical Data: A Nylon-bodied check valve complete with a Viton (FKM) umbrella valve. Barbed ports inlet and outlet to suit 1/8" (3.2mm) ID tube and has a cracking pressure of 0.25 psi.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL	CRACKING PRESSURE
E-C-240028	1/8" ID	In-line	Nylon	0.75 psi
E-C-240010	1/16" ID	In-line	Nylon	0.25 psi
E-C-240024	1/16" ID	In-line	Nylon	0.75 psi
E-C-240012	3/32" ID	In-line	Nylon	0.25 psi
E-C-240026	3/32" ID	In-line	Nylon	0.75 psi
E-C-240016	3/16" ID	In-line	Nylon	0.25 psi
E-C-240030	3/16" ID	In-line	Nylon	0.75 psi
E-C-240008	1/4" ID	In-line	Nylon	0.25 psi
E-C-230022	1/4" ID	In-line	Nylon	0.75 psi

E-C-240006

Polypropylene Umbrella Check Valve, Silicone Seal, 1/8" (3.2mm) ID Tube, Cracking Pressure 0.11 psi

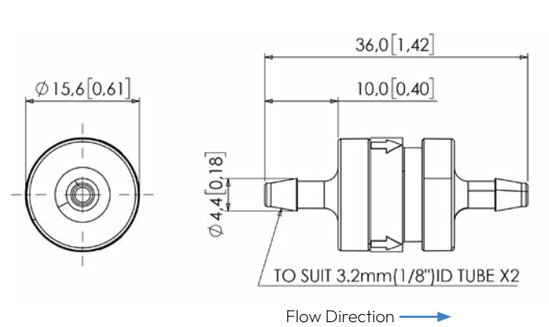
View range

Actual Size



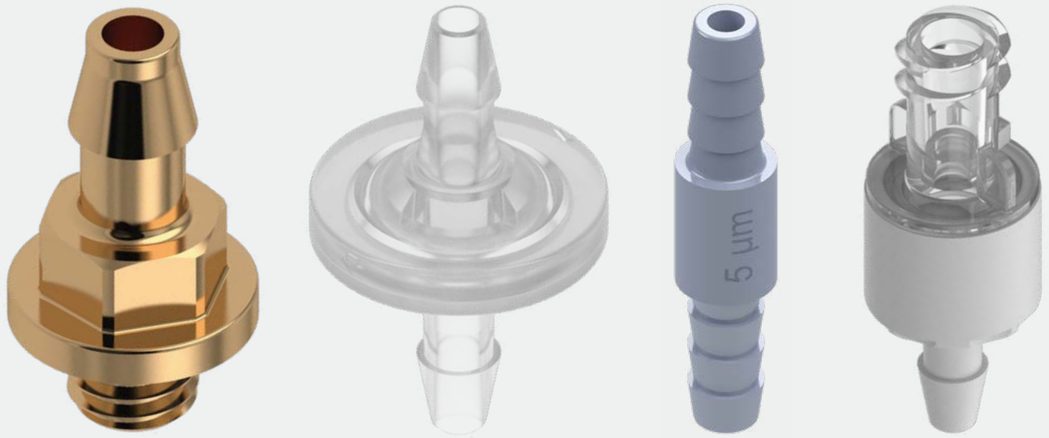
Technical Data

Max. Inlet Pressure: 3.45 bar (50 psi)
Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Polypropylene, Silicone
Non-wetted Materials: Polypropylene
Recommended Filtration: 5 micron
Regulatory Information: FDA 21 CFR 177, USP Class VI, ISO 10993
RoHS/REACH Compliant: Yes
Other Technical Data: A Polypropylene-bodied check valve complete with a Silicone umbrella valve. Barbed ports inlet and outlet to suit 1/8" (3.2mm) ID tube and has a cracking pressure of 0.11 psi.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL	CRACKING PRESSURE
E-C-240015	1/8" ID	In-line	Polypropylene	0.25 psi
E-C-240021	1/8" ID	In-line	Polypropylene	0.50 psi
E-C-240029	1/8" ID	In-line	Polypropylene	0.75 psi
E-C-240004	1/16" ID	In-line	Polypropylene	0.11 psi
E-C-240011	1/16" ID	In-line	Polypropylene	0.25 psi
E-C-240019	1/16" ID	In-line	Polypropylene	0.50 psi
E-C-240025	1/16" ID	In-line	Polypropylene	0.75 psi
E-C-240005	3/32" ID	In-line	Polypropylene	0.11 psi
E-C-240013	3/32" ID	In-line	Polypropylene	0.25 psi
E-C-240020	3/32" ID	In-line	Polypropylene	0.50 psi
E-C-240027	3/32" ID	In-line	Polypropylene	0.75 psi
E-C-240007	3/16" ID	In-line	Polypropylene	0.11 psi
E-C-240017	3/16" ID	In-line	Polypropylene	0.25 psi
E-C-240022	3/16" ID	In-line	Polypropylene	0.50 psi
E-C-240031	3/16" ID	In-line	Polypropylene	0.75 psi
E-C-240003	1/4" ID	In-line	Polypropylene	0.11 psi
E-C-240009	1/4" ID	In-line	Polypropylene	0.25 psi
E-C-240018	1/4" ID	In-line	Polypropylene	0.50 psi
E-C-240023	1/4" ID	In-line	Polypropylene	0.75 psi



Key

Soft Tube (50-85 Shore A)
Compatible with blue dot fittings

Hard Tube (90-95 Shore A)
Compatible with green dot fittings

ISO 80369-7
Certified to ISO 80369-7 standard

Hydrophobic

- Repells water
- Allows gas to pass through

Hydrophilic

- Allows water to pass through



Barb to Thread

Precision-engineered filters with a unique groove design for secure, leak-tight connections.

Pages 200-203



In-line

Lightweight barb or push-in filters for infection and contamination control.

Pages 205-219



Suction

Widely used in analytical and chemical dispensing industries. Various options available.

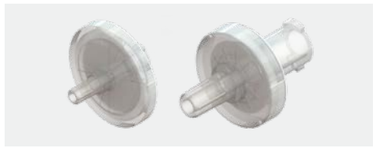
Page 220



ISO 80369-7 Filters

Custom configurations and reverse flow options, compliant with ISO 80369-7.

Page 221



Syringe

Hydrophilic and hydrophobic filters in ABS or medical-grade polypropylene.

Pages 222-227



Serviceable

Ideal for in-line use with air tools and machinery at up to 10 bar.

Pages 228-231

Filters

Suitable for many flow control applications, our large selection of micro filters includes both hydrophilic (attracts water) and hydrophobic (repels water) options.

These components safeguard against particulates entering a system, preventing costly downtime or contamination.

We offer filtration solutions from as low as 0.10 micron up to 250 micron, with many different materials available for both the main body and filter element itself, as well as connection styles including luer, threaded, barb-to-barb and push-in.

Key Features

- Compact design
- RoHS and REACH compliant
- Cost-effective options
- Filtration from 0.10 to 250 micron

Typical Applications

- Bioprocessing
- Biomedicine
- Pressure Care
- Analytical Devices/Gas Detection
- Food and Beverage

Material Options

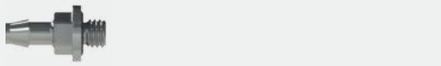
- Polypropylene
- Polycarbonate
- Polysulfone
- Acetal
- Stainless Steel

E-M-4B1U-B5-316-N

316 Stainless Steel Straight Filter, Buna-N (Nitrile) Seal, 5 Micron Sintered Bronze Disc, 1/8" (3.2mm) ID Tube to 10-32 UNF Male Thread

View range

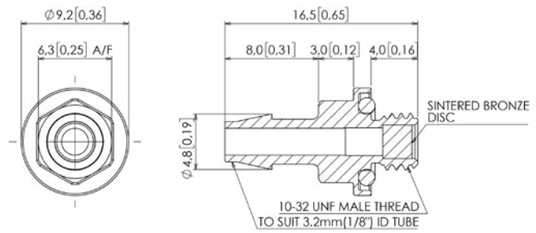
Actual Size





Technical Data

Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 10-32 UNF Male Thread
Mounting Style: Threaded
Wetted Materials: 316 Stainless Steel, Buna-N (Nitrile), Sintered Bronze
Non-wetted Materials: 316 Stainless Steel
Media/Ambient Temperature: -30°C to 100°C (-22 to 212°F)
Recommended Filtration: 5 Micron Sintered Bronze disc incorporated within fitting body
Recommended Tubing: Compatible with blue dot soft tubing, 50 to 85 Shore A
RoHS/REACH Compliant: Yes
Other Technical Data: This product incorporates a specially engineered groove design that complements the O-ring seal, resulting in a highly effective and leak-tight joint. O-rings are available in multiple materials, including EPDM, Buna-N (Nitrile), Silicone, and Viton (FKM).



More from this range

PART NUMBER	SIZE	MICRON	STYLE	MATERIAL
E-M-2B1U-B5-316-N	1/16" ID	5 Micron	Threaded	316 Stainless Steel
E-M-3B1U-B5-316-N	3/32" ID	5 Micron	Threaded	316 Stainless Steel

Also available in 10, 20 & 40 microns

E-M-4B1U-B5-PB-N

Brass Straight Filter, Buna-N (Nitrile) Seal, 5 Micron Sintered Bronze Disc, 1/8" (3.2mm) ID Tube to 10-32 UNF Male Thread

View range

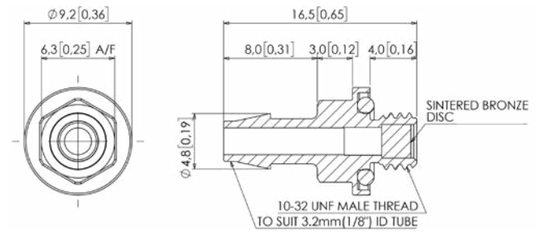
Actual Size





Technical Data

Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 10-32 UNF Male Thread
Mounting Style: Threaded
Wetted Materials: Brass, Buna-N (Nitrile), Sintered Bronze
Non-wetted Materials: Brass
Media/Ambient Temperature: -30°C to 100°C (-22 to 212°F)
Recommended Filtration: 5 Micron Sintered Bronze disc incorporated within fitting body
Recommended Tubing: Compatible with blue dot soft tubing, 50 to 85 Shore A
RoHS/REACH Compliant: Yes
Other Technical Data: This product incorporates a specially engineered groove design that complements the O-ring seal, resulting in a highly effective and leak-tight joint. O-rings are available in multiple materials, including EPDM, Buna-N (Nitrile), Silicone, and Viton (FKM).



More from this range

PART NUMBER	SIZE	MICRON	STYLE	MATERIAL
E-M-2B1U-B5-PB-N	1/16" ID	5 Micron	Threaded	Brass
E-M-3B1U-B5-PB-N	3/32" ID	5 Micron	Threaded	Brass

Also available in 10, 20 & 40 microns

E-M-4B1U-B5-ENP-N

Nickel Plated Brass Straight Filter, Buna-N (Nitrile) Seal, 5 Micron Sintered Bronze Disc, 1/8" (3.2mm) ID Tube to 10-32 UNF Male Thread

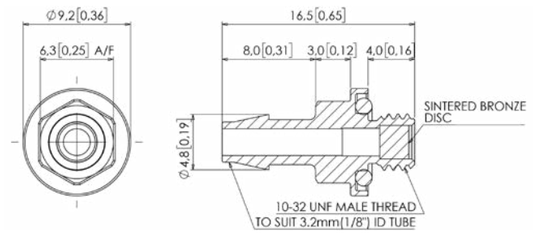
View range

Actual Size



Technical Data

Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 10-32 UNF Male Thread
Mounting Style: Threaded
Wetted Materials: Nickel Plated Brass, Buna-N (Nitrile), Sintered Bronze
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: -30°C to 100°C (-22 to 212°F)
Recommended Filtration: 5 Micron Sintered Bronze disc incorporated within fitting body
Recommended Tubing: Compatible with blue dot soft tubing, 50 to 85 Shore A
RoHS/REACH Compliant: Yes
Other Technical Data: This product incorporates a specially engineered groove design that complements the O-ring seal, resulting in a highly effective and leak-tight joint. O-rings are available in multiple materials, including EPDM, Buna-N (Nitrile), Silicone, and Viton (FKM).



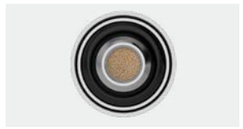
More from this range

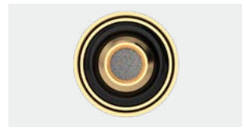
PART NUMBER	SIZE	MICRON	STYLE	MATERIAL
E-M-2B1U-B5-ENP-N	1/16" ID	5 Micron	Threaded	Nickel Plated Brass
E-M-3B1U-B5-ENP-N	3/32" ID	5 Micron	Threaded	Nickel Plated Brass

Also available in 10, 20 & 40 microns

Need a different filter or O-ring material?

Our barb to thread filters are available with EPDM, Buna-N (Nitrile), Silicone and Viton (FKM) O-rings as well as multiple filter materials including Sintered Bronze and 316 Stainless Steel.



Explore our full EBF range online

E-M-4EB1U-B5-316-N

316 Stainless Steel Straight Easy Barb Filter, Buna-N (Nitrile) Seal, 5 Micron Sintered Bronze Disc, 1/8" (3.2mm) ID Tube to 10-32 UNF Male Thread

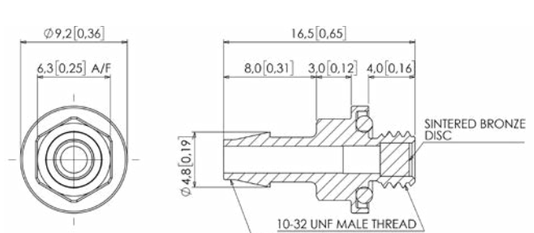
View range

Actual Size



Technical Data

Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 10-32 UNF Male Thread
Mounting Style: Threaded
Wetted Materials: 316 Stainless Steel, Buna-N (Nitrile), Sintered Bronze
Non-wetted Materials: 316 Stainless Steel
Media/Ambient Temperature: -30°C to 100°C (-22 to 212°F)
Recommended Filtration: 5 Micron Sintered Bronze disc incorporated within fitting body
Recommended Tubing: Compatible with green dot hard tubing 90 to 95 Shore A
RoHS/REACH Compliant: Yes
Other Technical Data: This product incorporates a specially engineered groove design that complements the O-ring seal, resulting in a highly effective and leak-tight joint. O-rings are available in multiple materials, including EPDM, Buna-N (Nitrile), Silicone, and Viton (FKM).



More from this range

PART NUMBER	SIZE	MICRON	STYLE	MATERIAL
E-M-2EB1U-B5-316-N	1/16" ID	5 Micron	Threaded	316 Stainless Steel
E-M-3EB1U-B5-316-N	3/32" ID	5 Micron	Threaded	316 Stainless Steel

Other materials available online. Also offered in 10, 20 & 40 microns.

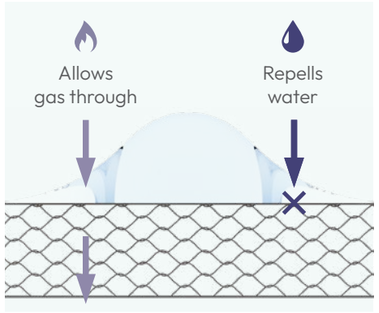
Hydrophobic vs. Hydrophilic

Materials with a special affinity for water which expand causing maximum contact are known as Hydrophilic. Those that naturally repel water are known as Hydrophobic. It is important to select the correct filter membrane, this ensures:

- Accurate test results
- Maintains a consistent filtration performance
- Protects equipment and samples
- Maintains sterility
- Reduces waste and downtime

To achieve the correct optimal flow rates maintain filtration efficiency and ensure reliable results it is important to select the correct membrane type:

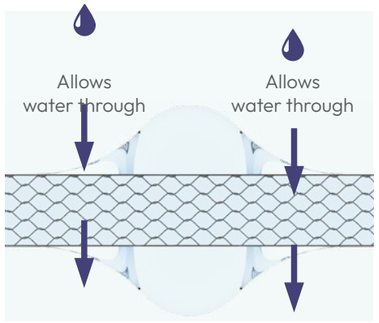
- For filtering water based liquids
  Choose Hydrophilic
- For filtering filter air, gas or venting systems
  Choose Hydrophobic



Hydrophobic Filters

- Repells water
- Allows gas to pass through

Hydrophobic filters will not wet in water but will wet in low surface tension liquids, for example, gas. Once a Hydrophobic filter has been wetted, aqueous solutions also will pass through.



Hydrophilic Filters

- Allows water to pass through

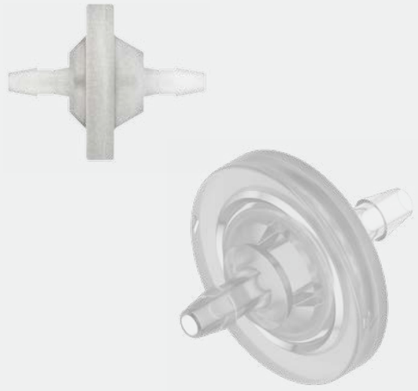
Hydrophilic materials are water attractive or water “loving”, therefore Hydrophilic filters are typically used in liquid filtration processes. The Hydrophilicity of a filter allows liquids, like water, to interact more efficiently and maximise the filtration process.

E-M-4B4B-PE5-PP

Animal Free Polypropylene In-Line Filter, Hydrophilic PET Disc, 1/8" (3.2mm) ID Tube

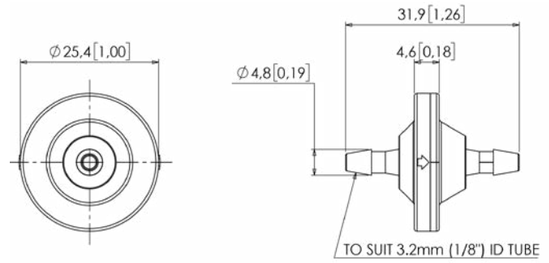
View range

Actual Size



Technical Data

Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Animal Free Polypropylene, PET
Non-wetted Materials: Animal Free Polypropylene
Recommended Filtration: Incorporated with 5 micron Hydrophilic PET disc
RoHS/REACH Compliant: Yes
Regulatory Information: Meets Requirements for USP Class VI, FDA 21 CFR 177.1500, ISO 10993-5, California Prop. 65
Cleanroom Manufactured: Class 8 (100,000) cleanroom
Other Technical Data: Animal Free Polypropylene body filter incorporated Hydrophilic PET disc. Barbed connections to suit inlet and outlet 1/8" (3.2mm) ID tube.



More from this range

PART NUMBER	SIZE	MICRON	STYLE	MATERIAL
E-M-4B3B-PE5-PP	1/8" ID to 3/32" ID	5 Micron	In-line	Animal Free Polypropylene
E-M-4B6B-PE5-PP	1/8" ID to 3/16" ID	5 Micron	In-line	Animal Free Polypropylene
E-M-4B8B-PE5-PP	1/8" ID to 1/4" ID	5 Micron	In-line	Animal Free Polypropylene

Also available in 20, 40, 64, 100 & 150 microns

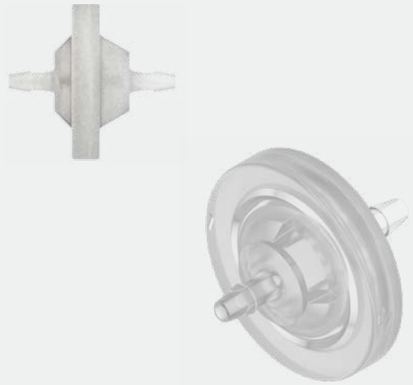
Contact: +44 (0)23 9226 6031 | sales@westgroup.co.uk | westgroup.co.uk

E-M-3B3B-PE5-PP

Animal Free Polypropylene In-Line Filter, Hydrophilic PET Disc, 3/32" (2.4mm) ID Tube

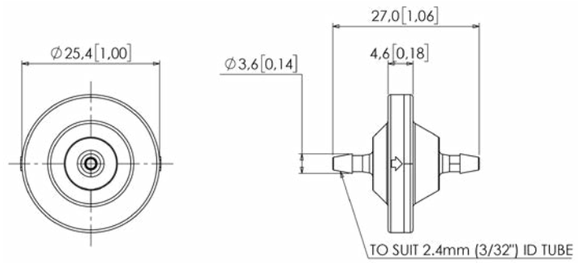
View range

Actual Size



Technical Data

Connections: 3/32" (2.4mm) ID Tube
Mounting Style: In-line
Wetted Materials: Animal Free Polypropylene, PET
Non-wetted Materials: Animal Free Polypropylene
Recommended Filtration: Incorporated with 5 micron Hydrophilic PET disc
RoHS/REACH Compliant: Yes
Regulatory Information: Meets Requirements for USP Class VI, FDA 21 CFR 177.1500, ISO 10993-5, California Prop. 65
Cleanroom Manufactured: Class 8 (100,000) cleanroom
Other Technical Data: Animal Free Polypropylene body filter incorporated Hydrophilic PET disc. Barbed connections to suit inlet and outlet 3/32" (2.4mm) ID tube.



More from this range

PART NUMBER	SIZE	MICRON	STYLE	MATERIAL
E-M-3B4B-PE5-PP	3/32" ID to 1/8" ID	5 Micron	In-line	Animal Free Polypropylene
E-M-3B6B-PE5-PP	3/32" ID to 3/16" ID	5 Micron	In-line	Animal Free Polypropylene
E-M-3B8B-PE5-PP	3/32" ID to 1/4" ID	5 Micron	In-line	Animal Free Polypropylene

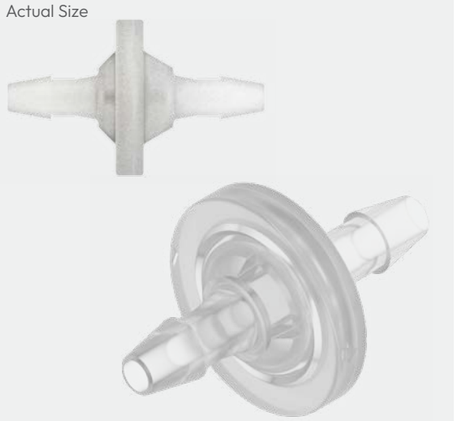
Also available in 20, 40, 64, 100 & 150 microns

E-M-6B6B-PE5-PP

Animal Free Polypropylene In-Line Filter, Hydrophilic PET Disc, 3/16" (4.8mm) ID Tube

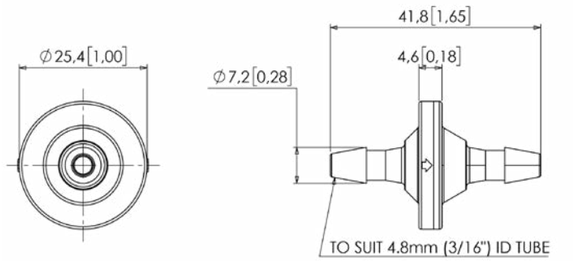
View range

Actual Size



Technical Data

Connections: 3/16" (4.8mm) ID Tube
Mounting Style: In-line
Wetted Materials: Animal Free Polypropylene, PET
Non-wetted Materials: Animal Free Polypropylene
Recommended Filtration: Incorporated with 5 micron Hydrophilic PET disc
RoHS/REACH Compliant: Yes
Regulatory Information: Meets Requirements for USP Class VI, FDA 21 CFR 177.1500, ISO 10993-5, California Prop. 65
Cleanroom Manufactured: Class 8 (100,000) cleanroom
Other Technical Data: Animal Free Polypropylene body filter incorporated Hydrophilic PET disc. Barbed connections to suit inlet and outlet 3/16" (4.8mm) ID tube.



More from this range

PART NUMBER	SIZE	MICRON	STYLE	MATERIAL
E-M-6B3B-PE5-PP	3/16" ID to 3/32" ID	5 Micron	In-line	Animal Free Polypropylene
E-M-6B4B-PE5-PP	3/16" ID to 1/8" ID	5 Micron	In-line	Animal Free Polypropylene
E-M-6B8B-PE5-PP	3/16" ID to 1/4" ID	5 Micron	In-line	Animal Free Polypropylene

Also available in 20, 40, 64, 100 & 150 microns



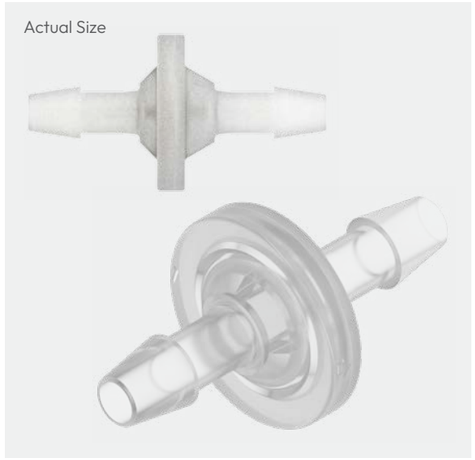
Did you know?

A human hair is roughly 70 µm across, so even a coarse filter traps particles smaller than you can see.

E-M-8B8B-PE5-PP

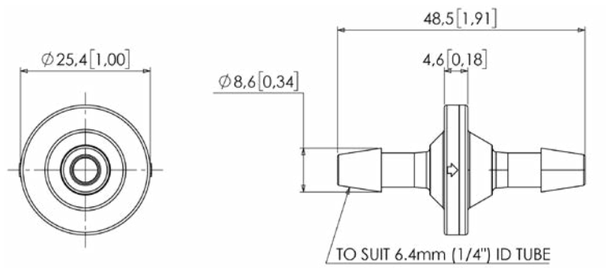
Animal Free Polypropylene In-Line Filter, Hydrophilic PET Disc, 1/4" (6.4mm) ID Tube

View range



Technical Data

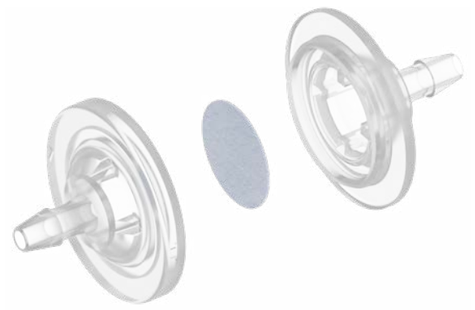
Connections: 1/4" (6.4mm) ID Tube
Mounting Style: In-line
Wetted Materials: Animal Free Polypropylene, PET
Non-wetted Materials: Animal Free Polypropylene
Recommended Filtration: Incorporated with 5 micron Hydrophilic PET disc
RoHS/REACH Compliant: Yes
Regulatory Information: Meets Requirements for USP Class VI, FDA 21 CFR 177.1500, ISO 10993-5, California Prop. 65
Cleanroom Manufactured: Class 8 (100,000) cleanroom
Other Technical Data: Animal Free Polypropylene body filter incorporated Hydrophilic PET disc. Barbed connections to suit inlet and outlet 1/4" (6.4mm) ID tube.



More from this range

PART NUMBER	SIZE	MICRON	STYLE	MATERIAL
E-M-8B3B-PE5-PP	1/4" ID to 3/32" ID	5 Micron	In-line	Animal Free Polypropylene
E-M-8B4B-PE5-PP	1/4" ID to 1/8" ID	5 Micron	In-line	Animal Free Polypropylene
E-M-8B6B-PE5-PP	1/4" ID to 3/16" ID	5 Micron	In-line	Animal Free Polypropylene

Also available in 20, 40, 64, 100 & 150 microns



Need a custom filter?

We offer custom filtration solutions

We offer filters from as low as 0.10 micron up to 250 micron, in a variety of different materials, as well as hydrophobic and hydrophillic membranes and end connections.

Contact us for more information.

E-M-230010

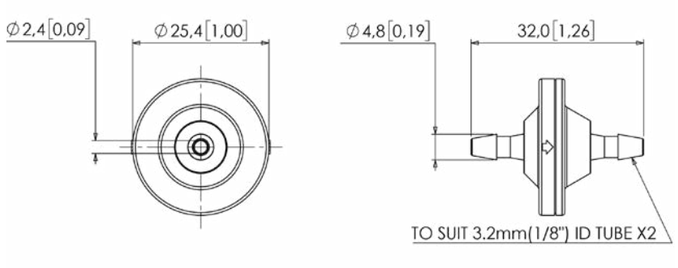
Animal Free Polypropylene In-Line Filter, 44 Micron Hydrophilic PET Disc, 1/8" (3.2mm) ID Tube

View range



Technical Data

Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Animal Free Polypropylene, PET
Non-wetted Materials: Animal Free Polypropylene
Recommended Filtration: Incorporated with 44 micron Hydrophilic PET disc
RoHS/REACH Compliant: Yes
Regulatory Information: Meets Requirements for USP Class VI, FDA 21 CFR 177.1500, ISO 10993-5, California Prop. 65
Other Technical Data: An Animal Free Polypropylene filter with barbs to suit 1/8" (3.2mm) ID tube complete with 44 micron Hydrophilic PET disc. Minimum effective area of 0.125 square inch.



More from this range

PART NUMBER	SIZE	MICRON	STYLE	MATERIAL
E-M-230011	3/32" ID	44 Micron	In-line	Animal Free Polypropylene
E-M-230012	3/16" ID	44 Micron	In-line	Animal Free Polypropylene
E-M-190007	1/4" ID	44 Micron	In-line	Animal Free Polypropylene

E-M-160033

Polypropylene Disposable Filter, 149 Micron Stainless Steel Screen, 1/8" (3.2mm) ID Tube

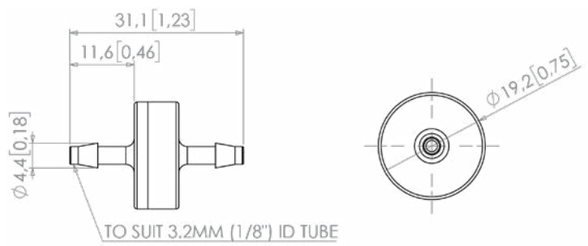
View range

Actual Size



Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Polypropylene, 304 Stainless Steel
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: 0°C to 121°C (32 to 250°F)
Recommended Filtration: Incorporated with 149 micron Stainless Steel screen
RoHS/REACH Compliant: Yes
Other Technical Data: Disposable in-line filter with 1/8" Hose barbs, Polypropylene body and 100 mesh Stainless Steel screen filter with a 149 micron density. These in-line filters are designed to remove most of the visible particulates in compressed air, gas streams and aqueous solutions.



More from this range

PART NUMBER	SIZE	MICRON	STYLE	MATERIAL
E-M-160034	1/8" ID	74 Micron	In-line	Polypropylene
E-M-160038	3/16" ID	74 Micron	In-line	Polypropylene
E-M-160037	3/16" ID	149 Micron	In-line	Polypropylene
E-M-160042	1/4" ID	74 Micron	In-line	Polypropylene
E-M-160041	1/4" ID	149 Micron	In-line	Polypropylene

E-M-160035

Polypropylene Disposable Filter, 45 to 90 Micron Polyethylene Fibre Screen, 3/16" (4.8mm) ID Tube

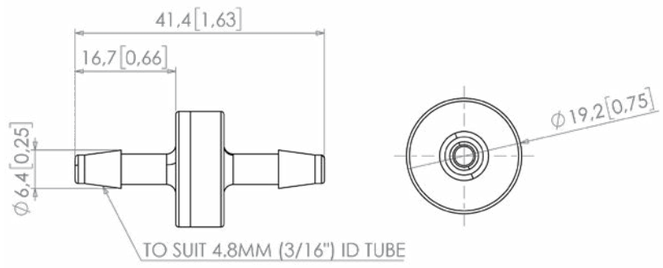
View range

Actual Size



Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Connections: 3/16" (4.8mm) ID Tube
Mounting Style: In-line
Wetted Materials: Polypropylene, High density Polyethylene
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: 0°C to 121°C (32 to 250°F)
Recommended Filtration: Incorporated with 45 to 90 micron Polyethylene Fibre screen
RoHS/REACH Compliant: Yes
Other Technical Data: Disposable in-line filter with 3/16" Hose barbs, Polypropylene body and High density Polyethylene Fibre screen with a 45 to 90 micron density.



More from this range

PART NUMBER	SIZE	MICRON	STYLE	MATERIAL
E-M-160031	1/8" ID	45-90 Micron	In-line	Polypropylene
E-M-160032	1/8" ID	90-130 Micron	In-line	Polypropylene
E-M-160036	3/16" ID	90-130 Micron	In-line	Polypropylene
E-M-160039	1/4" ID	45-90 Micron	In-line	Polypropylene
E-M-160040	1/4" ID	90-130 Micron	In-line	Polypropylene

Vacuum Filters



Versatile filter for positive and negative pressure applications with a replaceable element, configurable connections and optional mounting bracket.

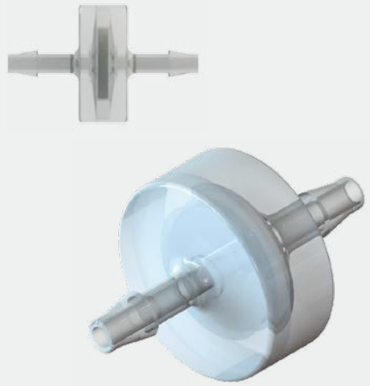
Explore our full range online

E-M-160043

Clear Polycarbonate Disposable Filter, 45 to 90 Micron Polyethylene Fibre Screen, 1/8" (3.2mm) ID Tube

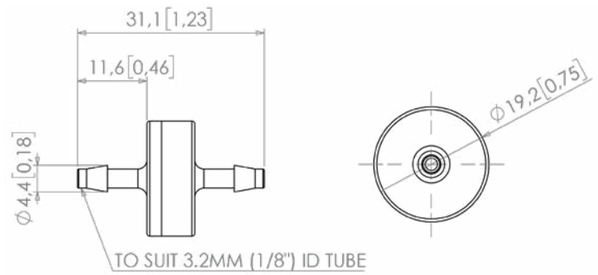
View range

Actual Size



Technical Data

Max. Inlet Pressure: 8.6 bar (125 psi)
Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Polycarbonate, High density Polyethylene
Non-wetted Materials: Polycarbonate
Media/Ambient Temperature: -135°C to 135°C (-211 to 275°F)
Recommended Filtration: Incorporated with 45 to 90 micron Polyethylene Fibre screen
RoHS/REACH Compliant: Yes
Other Technical Data: Disposable in-line filter with 1/8" Hose barbs, Clear Polycarbonate body and High density Polyethylene Fibre screen with a 45 to 90 micron density.



More from this range

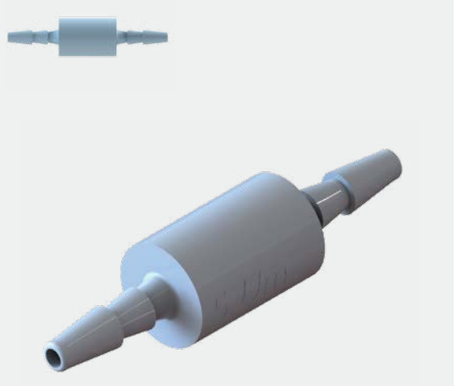
PART NUMBER	SIZE	MICRON	STYLE	MATERIAL	FILTER SCREEN
E-M-160046	1/8" ID	74 Micron	In-line	Polycarbonate	Stainless Steel
E-M-160044	1/8" ID	90-130 Micron	In-line	Polycarbonate	Polyethylene
E-M-160045	1/8" ID	149 Micron	In-line	Polycarbonate	Stainless Steel
E-M-160050	3/16" ID	74 Micron	In-line	Polycarbonate	Stainless Steel
E-M-160047	3/16" ID	45-90 Micron	In-line	Polycarbonate	Polyethylene
E-M-160048	3/16" ID	90-130 Micron	In-line	Polycarbonate	Polyethylene
E-M-160049	3/16" ID	149 Micron	In-line	Polycarbonate	Stainless Steel
E-M-160054	1/4" ID	74 Micron	In-line	Polycarbonate	Stainless Steel
E-M-160051	1/4" ID	45-90 Micron	In-line	Polycarbonate	Polyethylene
E-M-160052	1/4" ID	90-130 Micron	In-line	Polycarbonate	Polyethylene
E-M-160053	1/4" ID	149 Micron	In-line	Polycarbonate	Stainless Steel

E-M-160003

Polysulfone Miniature Disposable Filter, 5 Micron Stainless Steel Screen, 1/16" (1.6mm) ID Tube

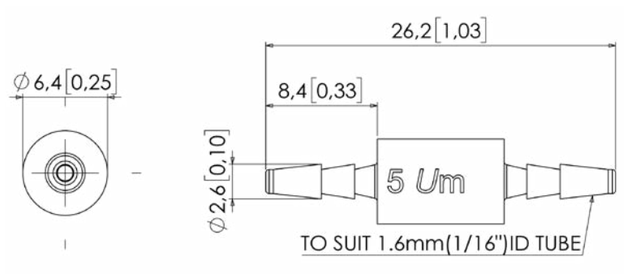
View range

Actual Size



Technical Data

Max. Inlet Pressure: 8.61 bar (125 psi)
Connections: 1/16" (1.6mm) ID Tube
Mounting Style: In-line
Wetted Materials: FDA approved Polysulfone, 316 Stainless Steel
Non-wetted Materials: FDA approved Polysulfone
Media/Ambient Temperature: 5°C to 48°C (40 to 120°F)
Recommended Filtration: Integrated with 5 micron Stainless Steel screen
RoHS/REACH Compliant: Yes
Regulatory Information: NSF, 3-A Sanitary standards of the Dairy Association, Department of Agriculture for contact with meat and poultry.
Other Technical Data: Miniature Polysulfone moulded in-line filter, with integral 5 micron Stainless Steel filter screen.



More from this range

PART NUMBER	SIZE	MICRON	STYLE	MATERIAL
E-M-160007	1/8" ID	5 Micron	In-line	Polysulfone
E-M-160004	1/16" ID	25 Micron	In-line	Polysulfone
E-M-160008	1/8" ID	25 Micron	In-line	Polysulfone
E-M-160005	1/16" ID	43 Micron	In-line	Polysulfone
E-M-160009	1/8" ID	43 Micron	In-line	Polysulfone
E-M-160006	1/16" ID	73 Micron	In-line	Polysulfone
E-M-160010	1/8" ID	73 Micron	In-line	Polysulfone

Can't quite find what you're looking for?





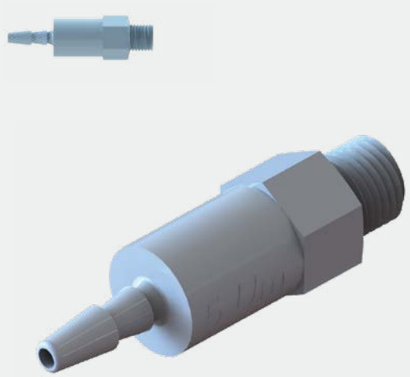

View our full filters range online or contact us for custom options

E-M-160011

Polysulfone Miniature Disposable Filter, 5 Micron Stainless Steel Screen, 10-32 UNF Male Thread to 1/16" (1.6mm) ID Tube

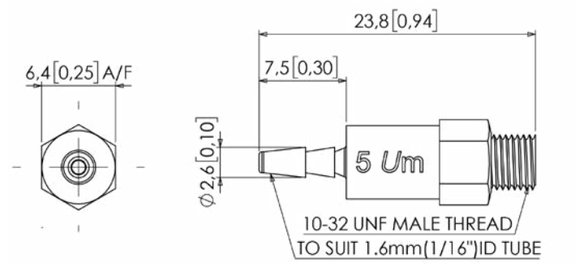
View range

Actual Size



Technical Data

Max. Inlet Pressure: 8.61 bar (125 psi)
Connections: 1/16" (1.6mm) ID Tube
Mounting Style: In-line
Wetted Materials: FDA approved Polysulfone, 316 Stainless Steel
Non-wetted Materials: FDA approved Polysulfone
Media/Ambient Temperature: 5°C to 48°C (40 to 120°F)
Recommended Filtration: Integrated with 5 micron Stainless Steel screen
RoHS/REACH Compliant: Yes
Regulatory Information: NSF, 3-A Sanitary standards of the Dairy Association, Department of Agriculture for contact with meat and poultry.
Other Technical Data: Miniature Polysulfone moulded in-line filter, with integral 5 micron Stainless Steel filter screen.



More from this range

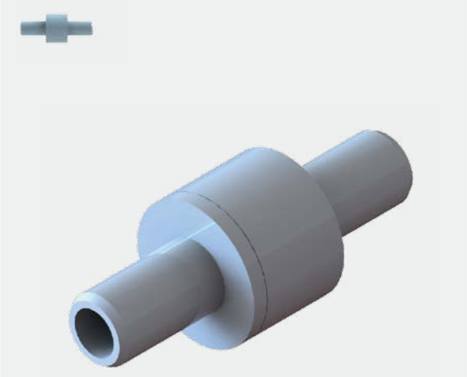
PART NUMBER	SIZE	MICRON	STYLE	MATERIAL
E-M-160015	1/8" ID	5 Micron	In-line	Polysulfone
E-M-160012	1/16" ID	25 Micron	In-line	Polysulfone
E-M-160016	1/8" ID	25 Micron	In-line	Polysulfone
E-M-160013	1/16" ID	43 Micron	In-line	Polysulfone
E-M-160017	1/8" ID	43 Micron	In-line	Polysulfone
E-M-160014	1/16" ID	73 Micron	In-line	Polysulfone
E-M-160018	1/8" ID	73 Micron	In-line	Polysulfone

E-M-190019

Polysulfone Miniature Disposable Filter, 5 Micron Stainless Steel Screen, 1/16" (1.6mm) ID Tube

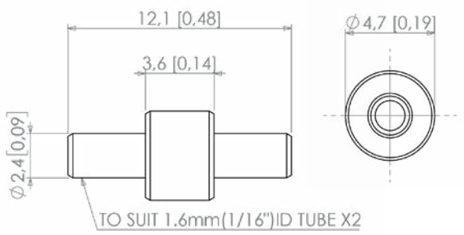
View range

Actual Size



Technical Data

Max. Inlet Pressure: 8.61 bar (125 psi)
Connections: 1/16" (1.6mm) ID Tube
Mounting Style: In-line
Wetted Materials: FDA approved Polysulfone, 316 Stainless Steel
Non-wetted Materials: FDA approved Polysulfone
Media/Ambient Temperature: 5°C to 48°C (40 to 120°F)
Recommended Filtration: 5 µm
RoHS/REACH Compliant: Yes
Regulatory Information: NSF, 3-A Sanitary standards of the Dairy Association, Department of Agriculture for contact with meat and poultry.
Other Technical Data: Miniature Polysulfone moulded in-line Filter, with integral 5 micron Stainless Steel filter screen. Designed for installation within pneumatic, gas and compatible fluid control circuits via straight ports for 1/16" (1.6mm) ID tubing.



E-M-250008

Polysulfone Miniature Disposable Filter, 5 Micron Stainless Steel Screen, M5 Female Thread to M5 Female Thread

View range

Actual Size

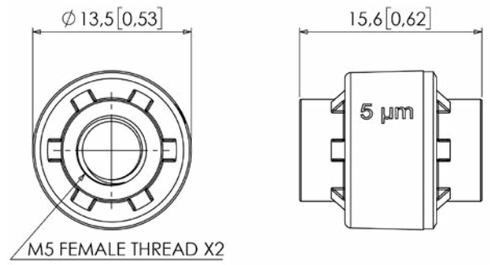




Also available:
E-M-250025 - 10 Micron

Technical Data

Max. Inlet Pressure: 8.61 bar (125 psi)
Connections: M5 Female Thread
Mounting Style: Threaded
Wetted Materials: FDA approved Polysulfone, 316 Stainless Steel
Non-wetted Materials: FDA approved Polysulfone
Media/Ambient Temperature: 5°C to 48°C (40 to 120°F)
Recommended Filtration: Integrated with 5 micron Stainless Steel screen
RoHS/REACH Compliant: Yes
Regulatory Information: Polysulfone - FDA 21 CFR 177.1655, NSF 51, NSF 61, ISO 10993
Other Technical Data: Miniature Polysulfone moulded in-line filter, with integral 5 micron Dutch weave Stainless Steel filter screen.

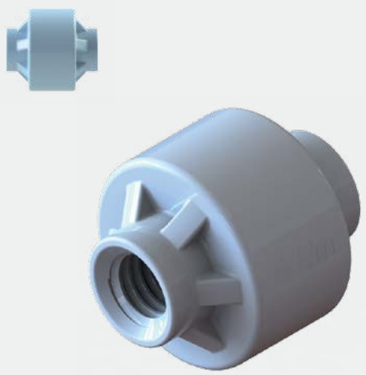


E-M-160019

Polysulfone Miniature Disposable Filter, 5 Micron Stainless Steel Screen, 10-32 UNF Female Thread to 10-32 UNF Female Thread

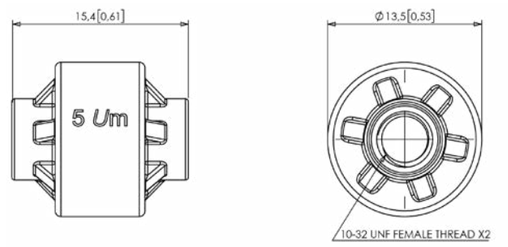
View range

Actual Size



Technical Data

Max. Inlet Pressure: 8.61 bar (125 psi)
Connections: 10-32 UNF Female Thread
Mounting Style: In-line
Wetted Materials: FDA approved Polysulfone, 316 Stainless Steel
Non-wetted Materials: FDA approved Polysulfone
Media/Ambient Temperature: 5°C to 48°C (40 to 120°F)
Recommended Filtration: Integrated with 5 micron Stainless Steel screen
RoHS/REACH Compliant: Yes
Regulatory Information: NSF, 3-A Sanitary standards of the Dairy Association, Department of Agriculture for contact with meat and poultry.
Other Technical Data: Designed for installation within pneumatic, gas and compatible fluid control circuits via the 10-32 UNF female thread inlet and 10-32 UNF female thread outlet.



More from this range

PART NUMBER	SIZE	MICRON	STYLE	MATERIAL
E-M-250021	10-32 UNF Female	10 Micron	Threaded	Polysulfone
E-M-160020	10-32 UNF Female	25 Micron	In-line	Polysulfone
E-M-160021	10-32 UNF Female	43 Micron	In-line	Polysulfone
E-M-160022	10-32 UNF Female	73 Micron	In-line	Polysulfone



Custom Filter Assemblies

Custom filter assemblies can be created by adding fittings to a standard filter, providing a solution tailored to specific application requirements.

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E-M-250024

Polysulfone Miniature Disposable Filter, 10 Micron Stainless Steel Screen, 0.17" (4.3mm) ID Tube to 0.17" (4.3mm) ID Tube

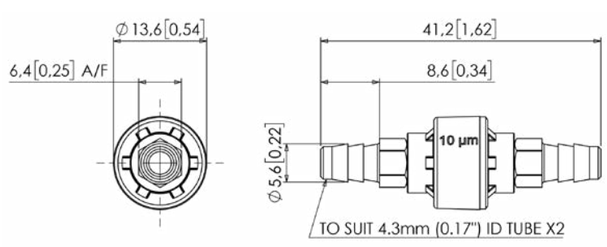
View range

Actual Size



Technical Data

Max. Inlet Pressure: 8.61 bar (125 psi)
Connections: 0.17" (4.3mm) ID Tube
Mounting Style: In-line
Wetted Materials: FDA approved Polysulfone, 316 Stainless Steel, Nylon
Non-wetted Materials: FDA approved Polysulfone
Media/Ambient Temperature: 5°C to 48°C (40 to 120°F)
Recommended Filtration: Integrated with 10 micron Stainless Steel screen
RoHS/REACH Compliant: Yes
Regulatory Information: Polysulfone - FDA 21 CFR 177.1655, NSF 51, NSF 61, ISO 10993
Other Technical Data: Miniature Polysulfone moulded in-line filter, with integral 10 micron Dutch weave Stainless Steel filter screen and pre-installed Nylon multi barbed fittings.



More from this range

PART NUMBER	SIZE	MICRON	STYLE	MATERIAL
E-M-160022	1/16" ID	10 Micron	In-line	Polysulfone
E-M-160023	1/8" ID	10 Micron	In-line	Polysulfone

Hollow Membrane Filters



Compact hollow fibre membrane filter providing 0.01 micron filtration, high flow rates and a lightweight explosion-proof plastic body, cleanroom packaged as standard with an optional mounting bracket.

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E-M-160023

Polycarbonate Miniature Disposable Filter, 5 Micron Stainless Steel Screen, 1/16" (1.6mm) ID Tube

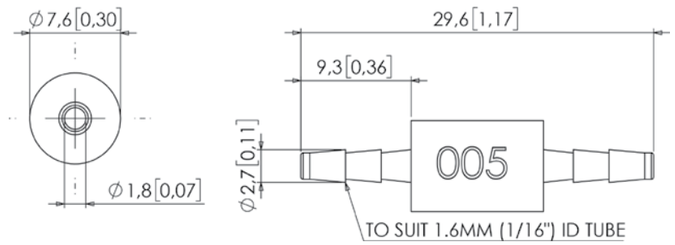
View range

Actual Size



Technical Data

Max. Inlet Pressure: 6.89 bar (100 psi)
Connections: 1/16" (1.6mm) ID Tube
Mounting Style: In-line
Wetted Materials: FDA approved Polycarbonate, 304 Stainless Steel
Non-wetted Materials: FDA approved Polycarbonate
Media/Ambient Temperature: 5°C to 48°C (40 to 120°F)
Recommended Filtration: Integrated with 5 micron Stainless Steel screen
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI and FDA regulation 21 CFR 177.1580.
Other Technical Data: Designed for installation within pneumatic, gas and compatible fluid control circuits via the barb to suit 1/16" (1.6mm) ID tubing inlet and outlet.



More from this range

PART NUMBER	SIZE	MICRON	STYLE	MATERIAL
E-M-160024	1/16" ID	40 Micron	In-line	Polycarbonate
E-M-160025	1/16" ID	80 Micron	In-line	Polycarbonate
E-M-160027	1/8" ID	40 Micron	In-line	Polycarbonate
E-M-160028	1/8" ID	80 Micron	In-line	Polycarbonate

E-M-230013

Teal Polypropylene In-Line Filter, 105 Micron Polypropylene Mesh, 1/8" (3.2mm) ID Tube

View range

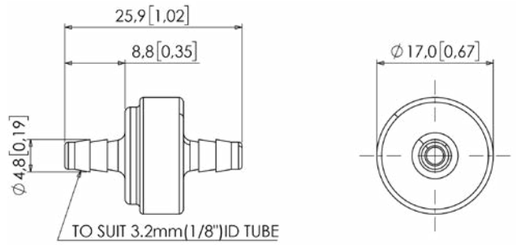
Actual Size



Technical Data

Max. Inlet Pressure: 8.6 bar (125 psi)
Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Polypropylene
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: 60°C (140°F)
Recommended Filtration: Integrated with 105 micron Polypropylene mesh
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI
Other Technical Data: An in-line filter with Teal Polypropylene body, 105 micron Polypropylene mesh and barbs to suit 1/8" (3.2mm) ID tube. Compatible with air, gases and fluids. Max temperature is dependent on input pressure.

Also available:
E-M-230014 - Natural Polypropylene, 150 Micron

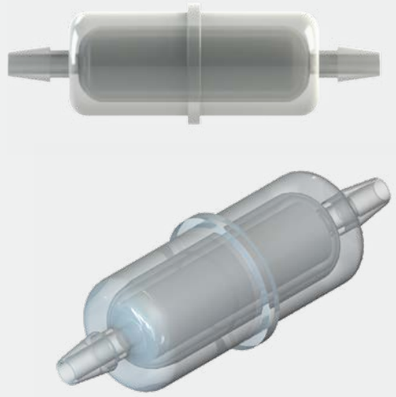


E-M-160029

Clear Polypropylene Disposable Filter, 10 Micron Porous Polyethylene Element, 1/8" (3.2mm) ID Tube

View range

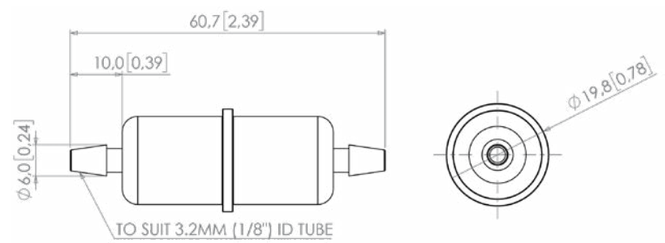
Actual Size



Technical Data

Max. Inlet Pressure: 4.5 bar (65 psi)
Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Polypropylene, High Density Polyethylene
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: 0°C to 80°C (32 to 176°F)
Recommended Filtration: Incorporated with 10 micron porous Polyethylene element
RoHS/REACH Compliant: Yes
Other Technical Data: Disposable in-line filter with 1/8" hose barbs, Clear Polypropylene body and chemically inert porous Polyethylene filter element with a 10 micron density. These in-line filters are designed to remove most of the visible particulates in compressed air, gas streams and aqueous solutions.

Also available:
E-M-230030 - 25 Micron



E-M-180006

Teal Polypropylene Suction Filter, 105 Micron Polypropylene Mesh, 1/8" (3.2mm) ID Tube

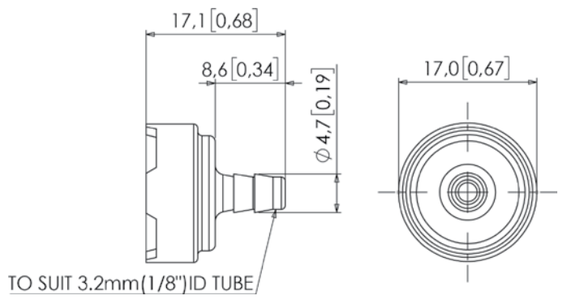
View range

Actual Size



Technical Data

Max. Inlet Pressure: 8.62 bar (125 psi)
Connection: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Polypropylene
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: 60°C (140°F)
Recommended Filtration: Integrated with 105 micron Polypropylene mesh
RoHS/REACH Compliant: Yes
Other Technical Data: A suction filter with Teal Polypropylene body, 105 micron Polypropylene mesh and barb to suit 1/8" (3.2mm) ID tube. Compatible with air, gases and fluids.



More from this range

PART NUMBER	SIZE	MICRON	STYLE	MATERIAL
E-M-230016	1/16" ID	150 Micron	In-line	Natural Polypropylene
E-M-230015	1/16" ID	150 Micron	In-line	Teal Polypropylene
E-M-220003	1/8" ID	70 Micron	In-line	Kynar
E-M-180007	1/8" ID	150 Micron	In-line	Natural Polypropylene
E-M-180018	1/4" ID	105 Micron	In-line	Teal Polypropylene
E-M-190015	1/4" ID	150 Micron	In-line	Natural Polypropylene

E-M-4BML-ABS-GF02

ISO 80369-7 ABS-Bodied Bacterial Filter, 0.2 Micron Hydrophobic Glass Fibre disc, 1/8" (3.2mm) ID Tube to Male Luer Lock

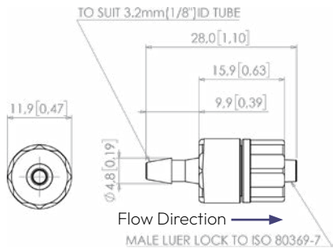
View range

Actual Size



Technical Data

Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: Male Luer Lock
Mounting Style: In-line
Wetted Materials: ABS, Polystyrene, Glass Fibre, HDPE
Non-wetted Materials: ABS
Recommended Filtration: Incorporated with 0.2 micron Hydrophobic Glass Fibre disc
Regulatory Information: Meets Requirements for USP Class VI, FDA 21 CFR 181.32. California Prop. 65, ISO 80369-7 compatible
Cleanroom Manufactured: Class 8 cleanroom
RoHS/REACH Compliant: Yes
Other Technical Data: An ABS-bodied bacterial filter with a Polystyrene cartridge complete with 0.2 micron hydrophobic Glass Fibre disc with a 12.5mm² filtration area, held by an HDPE holder.



More from this range

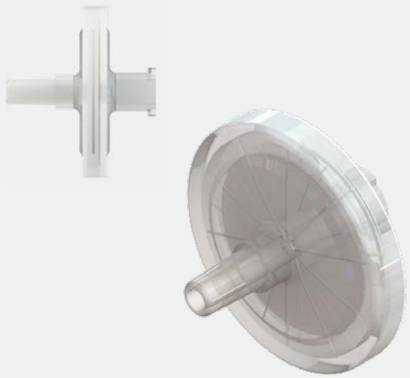
PART NUMBER	SIZE	MICRON	STYLE	MATERIAL
E-M-2BML-ABS-GF02	1/16" ID to Male Luer	0.2 Micron	In-line	ABS
E-M-3BML-ABS-GF02	3/32" ID to Male Luer	0.2 Micron	In-line	ABS
E-M-FL2B-ABS-GF02	1/16" ID to Female Luer	0.2 Micron	In-line	ABS
E-M-FL3B-ABS-GF02	3/32" ID to Female Luer	0.2 Micron	In-line	ABS
E-M-3B3B-ABS-GF02	3/32" ID	0.2 Micron	In-line	ABS
E-M-FL4B-ABS-GF02	1/8" ID to Female Luer	0.2 Micron	In-line	ABS

E-M-160136

Polypropylene 25mm Syringe Filter, 0.10 Micron Hydrophobic PTFE Membrane, Female Luer Lock to Male Slip Luer

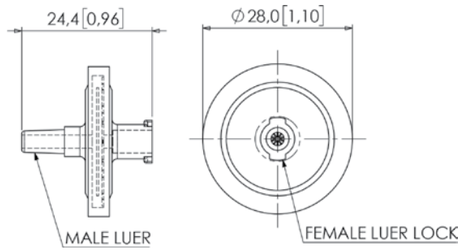
View range

Actual Size



Technical Data

Max. Inlet Pressure: 8.96 bar (130 psi)
Connection 1: Female Luer Lock
Connection 2: Male Luer Slip
Mounting Style: In-line
Wetted Materials: Polypropylene, Polytetrafluoroethylene
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: 130°C (266°F)
Recommended Filtration: Incorporated with 0.10 micron Hydrophobic PTFE membrane
Regulatory Information: ISO 594
Cleanroom Manufactured: Class 8 cleanroom
Other Technical Data: Hydrophobic PTFE media filter disc within a medical-grade Polypropylene housing designed for in-line filtration.



Also available:
E-M-160167 - 25mm, 0.22 Micron PVDF Membrane

More from this range

PART NUMBER	SIZE	MICRON	STYLE	MATERIAL
E-M-160128	13mm	0.22 Micron	In-line	Polypropylene
E-M-160129	13mm	0.45 Micron	In-line	Polypropylene
E-M-160130	13mm	1 Micron	In-line	Polypropylene
E-M-160132	13mm	3 Micron	In-line	Polypropylene
E-M-160137	25mm	0.22 Micron	In-line	Polypropylene
E-M-160138	25mm	0.45 Micron	In-line	Polypropylene
E-M-160139	25mm	1 Micron	In-line	Polypropylene
E-M-160141	25mm	3 Micron	In-line	Polypropylene
E-M-160142	25mm	5 Micron	In-line	Polypropylene
E-M-160143	33mm	0.22 Micron	In-line	Polypropylene
E-M-160144	33mm	0.45 Microm	In-line	Polypropylene

E-M-160119

Polypropylene 25mm Syringe Filter, 0.22 Micron Hydrophilic Nylon Membrane, Female Luer Lock to Male Slip Luer

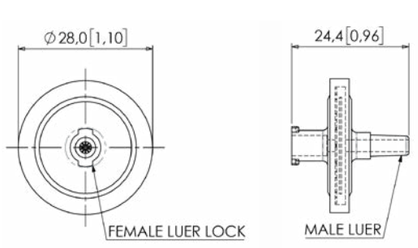
View range

Actual Size



Technical Data

Max. Inlet Pressure: 6.55 bar (95 psi)
Connection 1: Female Luer Lock
Connection 2: Male Luer Slip
Mounting Style: In-line
Wetted Materials: Polypropylene, Nylon
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: 100°C (212°F)
Recommended Filtration: Incorporated with 0.22 micron Hydrophilic Nylon membrane
Regulatory Information: ISO 594
Cleanroom Manufactured: Class 8 cleanroom
Other Technical Data: A wide range of filtration media, both non-sterile and individually packed sterile syringe filters are available to suit almost any application.



More from this range

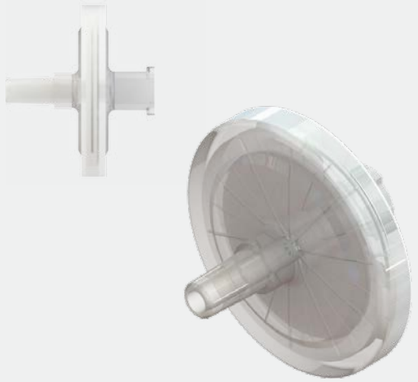
PART NUMBER	SIZE	MICRON	STYLE	MATERIAL
E-M-160110	13mm	0.22 Micron	In-line	Polypropylene
E-M-160111	13mm	0.45 Micron	In-line	Polypropylene
E-M-160120	25mm	0.45 Micron	In-line	Polypropylene
E-M-160121	25mm	1 Micron	In-line	Polypropylene
E-M-160123	25mm	3 Micron	In-line	Polypropylene
E-M-160124	25mm	5 Micron	In-line	Polypropylene
E-M-160126	33mm	0.45 Micron	In-line	Polypropylene

E-M-160155

Polypropylene 25mm Syringe Filter, 0.22 Micron Hydrophilic PTFE Membrane, Female Luer Lock to Male Slip Luer

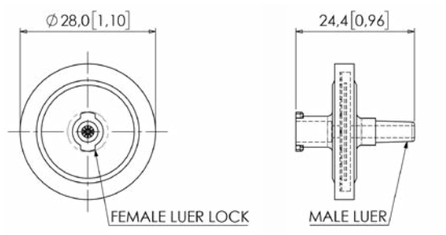
View range

Actual Size



Technical Data

Max. Inlet Pressure: 8.98 bar (130 psi)
Connection 1: Female Luer Lock
Connection 2: Male Luer Slip
Mounting Style: In-Line
Wetted Materials: Polypropylene, Polytetrafluoroethylene
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: 130°C (266°F)
Recommended Filtration: Incorporated with 0.22 micron Hydrophilic PTFE membrane
Regulatory Information: ISO 594
Cleanroom Manufactured: Class 8 cleanroom
Other Technical Data: A wide range of filtration media, both non-sterile and individually packed sterile syringe filters are available to suit almost any application.



More from this range

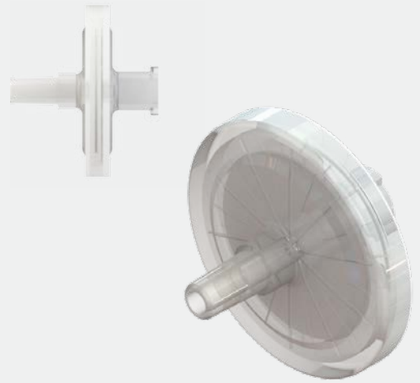
PART NUMBER	SIZE	MICRON	STYLE	MATERIAL
E-M-160156	25mm	0.45 Micron	In-line	Polypropylene
E-M-160146	13mm	0.22 Micron	In-line	Polypropylene
E-M-160161	33mm	0.22 Micron	In-line	Polypropylene

E-M-160184

Polypropylene 25mm Syringe Filter, 0.22 Micron Hydrophilic Polyethersulfone Membrane, Female Luer Lock to Male Slip Luer

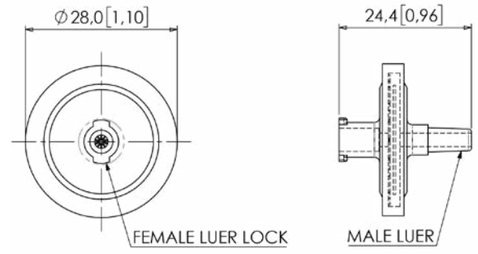
View range

Actual Size



Technical Data

Max. Inlet Pressure: 6.55 bar (95 psi)
Connection 1: Female Luer Lock
Connection 2: Male Luer Slip
Mounting Style: In-line
Wetted Materials: Polypropylene, Polyethersulfone
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: 90°C (194°F)
Recommended Filtration: Incorporated with 0.22 micron Hydrophilic Polyethersulfone membrane
Regulatory Information: ISO 594
Cleanroom Manufactured: Class 8 cleanroom
Other Technical Data: Hydrophilic Polyethersulfone media filter disc within a medical-grade Polypropylene housing designed for in-line filtration.



More from this range

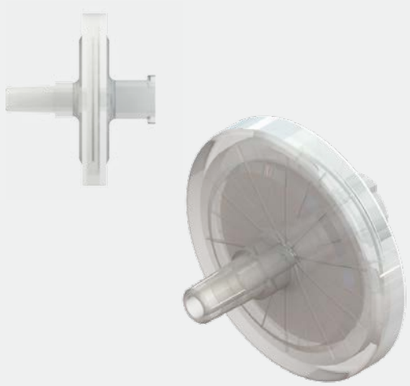
PART NUMBER	SIZE	MICRON	STYLE	MATERIAL
E-M-160177	13mm	0.10 Micron	In-line	Polypropylene
E-M-160178	13mm	0.22 Micron	In-line	Polypropylene
E-M-160179	13mm	0.45 Micron	In-line	Polypropylene
E-M-160187	33mm	0.22 Micron	In-line	Polypropylene
E-M-160188	33mm	0.45 Micron	In-line	Polypropylene

E-M-160201

Polypropylene 25mm Syringe Filter, 0.22 Micron Hydrophilic Cellulose Acetate Membrane, Female Luer Lock to Male Slip Luer

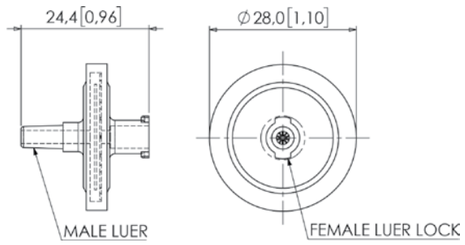
View range

Actual Size



Technical Data

Max. Inlet Pressure: 8.27 bar (120 psi)
Connection 1: Female Luer Lock
Connection 2: Male Luer Slip
Mounting Style: In-line
Wetted Materials: Polypropylene, Cellulose Acetate
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: 50°C (122°F)
Recommended Filtration: Incorporated with 0.22 micron Hydrophilic Cellulose Acetate membrane
Regulatory Information: ISO 594
Cleanroom Manufactured: Class 8 cleanroom
Other Technical Data: Hydrophilic Cellulose Acetate media Filter disc within a Medical-grade Polypropylene housing designed for in-line filtration.



More from this range

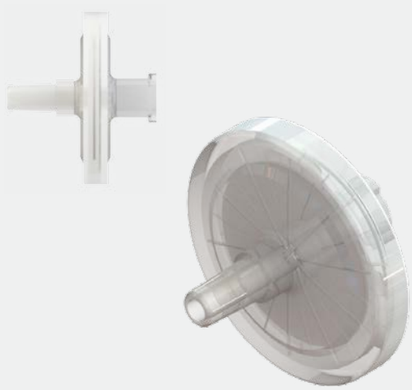
PART NUMBER	SIZE	MICRON	STYLE	MATERIAL
E-M-160202	25mm	0.45 Micron	In-line	Polypropylene
E-M-160198	13mm	0.45 Micron	In-line	Polypropylene

E-M-160175

Polypropylene 25mm Syringe Filter, 0.22 Micron Polypropylene Membrane, Female Luer Lock to Male Slip Luer

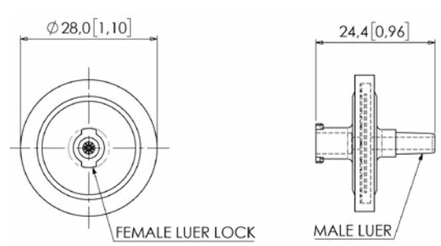
View range

Actual Size



Technical Data

Max. Inlet Pressure: 5.2 bar (75 psi)
Connection 1: Female Luer Lock
Connection 2: Male Luer Slip
Mounting Style: In-line
Wetted Materials: Polypropylene, Nylon
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: 60°C (140°F)
Recommended Filtration: Incorporated with 0.22 micron Polypropylene membrane
Regulatory Information: ISO 594
Cleanroom Manufactured: Class 8 cleanroom
Other Technical Data: Polypropylene filters have a high contamination loading capability with high flow, can also be used as a pre-filter to remove large particulate matter prior to further filtration.



More from this range

PART NUMBER	SIZE	MICRON	STYLE	MATERIAL
E-M-160176	25mm	0.45 Micron	In-line	Polypropylene
E-M-160171	13mm	0.22 Micron	In-line	Polypropylene

E-M-4P4P-PI-PP5-PC-N

In-line Clear Polycarbonate Serviceable Filter, Buna-N (Nitrile) Seal, 5 Micron Porous Polypropylene Element, 1/8" OD Push-In Fittings

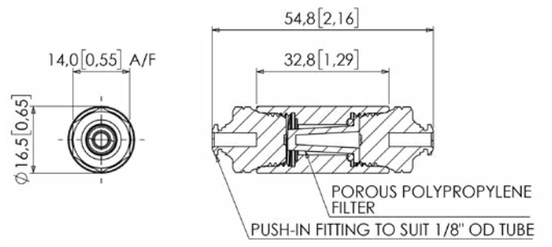
View range

Actual Size



Technical Data

Max. Inlet Pressure: 7 bar (100 psi)
Connections: Push-In Fitting 1/8" OD Tube
Mounting Style: In-line
Wetted Materials: Polycarbonate, Nickel Plated Brass, Buna-N (Nitrile), Polypropylene
Non-wetted Materials: Polycarbonate, 301 Stainless Steel
Media/Ambient Temperature: -20°C to 49°C (-4 to 120°F)
Recommended Filtration: Incorporated with 5 micron Porous Polypropylene element
RoHS/REACH Compliant: Yes
Other Technical Data: Our serviceable filters provide compact, reliable protection for pneumatic and low-viscosity fluid systems. Easy to install. Element can be cleaned or replaced. EPDM and Viton (FKM) seal available.



More from this range

PART NUMBER	SIZE	MICRON	STYLE	MATERIAL
E-M-5P5P-PI-PP5-PC-N	5/32" ID	5 Micron	In-line	Polycarbonate
E-M-4M4M-PI-PP5-PC-N	4mm	5 Micron	In-line	Polycarbonate
E-M-6M6M-PI-PP5-PC-N	6mm	5 Micron	In-line	Polycarbonate
E-M-8P8P-PI-PP5-PC-N	1/4" ID	5 Micron	In-line	Polycarbonate
E-M-10P10P-PI-PP5-PC-N	5/16" ID	5 Micron	In-line	Polycarbonate
E-M-8M8M-PI-PP5-PC-N	8mm	5 Micron	In-line	Polycarbonate

Also available in 10, 20, 40, 60 & 90 microns

E-M-4P4P-PI-B5-PC-N

In-Line Clear Polycarbonate Serviceable Filter, Buna-N (Nitrile) Seal, 5 Micron Sintered Bronze Element, 1/8" OD Push-In Fittings

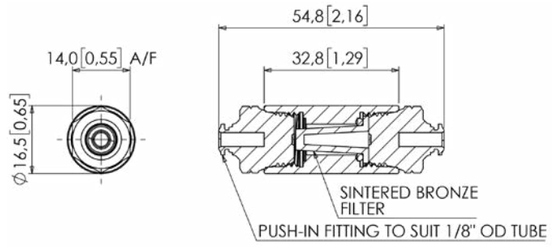
View range

Actual Size



Technical Data

Max. Inlet Pressure: 7 bar (100 psi)
Connections: Push-In Fitting 1/8" OD Tube
Mounting Style: In-line
Wetted Materials: Polycarbonate, Nickel Plated Brass, Buna-N (Nitrile), Sintered Bronze
Non-wetted Materials: Polycarbonate, 301 Stainless Steel
Media/Ambient Temperature: -20°C to 49°C (-4 to 120°F)
Recommended Filtration: Incorporated with 5 micron Porous Polypropylene element
RoHS/REACH Compliant: Yes
Other Technical Data: Our serviceable filters provide compact, reliable protection for pneumatic and low-viscosity fluid systems. Easy to install. Element can be cleaned or replaced. EPDM and Viton (FKM) seal available.



More from this range

PART NUMBER	SIZE	MICRON	STYLE	MATERIAL
E-M-5P5P-PI-B5-PC-N	5/32" ID	5 Micron	In-line	Polycarbonate
E-M-4M4M-PI-B5-PC-N	4mm	5 Micron	In-line	Polycarbonate
E-M-6M6M-PI-B5-PC-N	6mm	5 Micron	In-line	Polycarbonate
E-M-8P8P-PI-B5-PC-N	1/4" ID	5 Micron	In-line	Polycarbonate
E-M-10P10P-PI-B5-PC-N	5/16" ID	5 Micron	In-line	Polycarbonate
E-M-8M8M-PI-B5-PC-N	8mm	5 Micron	In-line	Polycarbonate

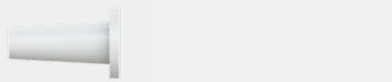
Also available in 10, 20, 40, 60 & 90 microns

E-M-160073

Polypropylene Replacement Filter Element, 5 Micron

View range

Actual Size

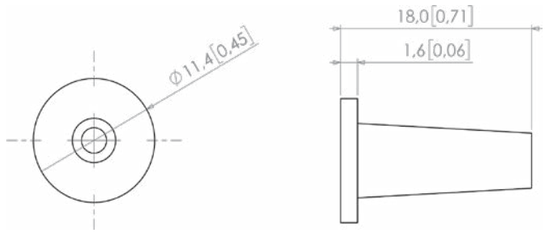




Technical Data

Mounting Style: In-line
Wetted Materials: Polypropylene
Non-wetted Materials: Polypropylene
Media/Ambient Temperature: 49°C (120°F)
Recommended Filtration: 5 micron Polypropylene element
RoHS/REACH Compliant: Yes
Other Technical Data: 5 micron replacement porous Polypropylene element for serviceable push-in filter.

Compatible with Clear Polycarbonate Serviceable Filters



More from this range

PART NUMBER	MICRON	STYLE	MATERIAL
E-M-160074	10 Micron	In-line	Polypropylene
E-M-160081	10 Micron	In-line	Yellow Nylon
E-M-160075	20 Micron	In-line	Polypropylene
E-M-160082	48 Micron	In-line	Blue Nylon



Need a different filter element?

We offer serviceable filter elements in different materials including sintered steel and bronze, as well as wire mesh and wire cloth in a range of materials.

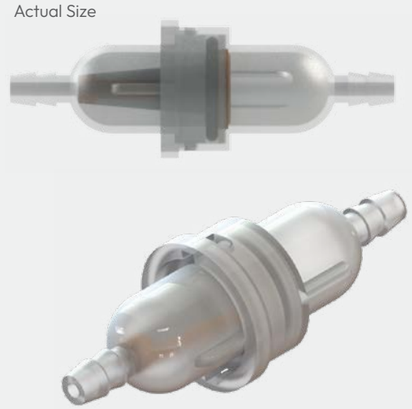
Contact us to find out more about our different filter elements options.

E-M-160076

Polycarbonate Serviceable Filter, Buna-N Seal, 6 Micron Nylon Mesh Nylon Frame Element, 1/8" (3.2mm) ID Tube

View range

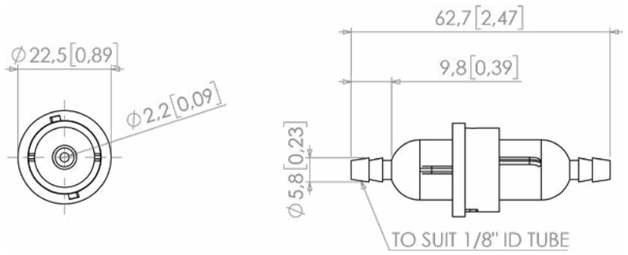
Actual Size



Viton O-ring available on request

Technical Data

Max. Inlet Pressure: 2.76 bar (40 psi)
Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Polycarbonate, Nylon, Buna-N
Non-wetted Materials: Polycarbonate
Media/Ambient Temperature: 0°C to 54°C (32°F to 130°F)
Recommended Filtration: Incorporated with 6 micron Nylon mesh Nylon frame element
RoHS/REACH Compliant: Yes
Other Technical Data: Serviceable filter with 1/8" (3.2mm) barb ports, Polycarbonate body and 6 micron Nylon mesh Nylon frame element.



E-M-160079

Polycarbonate Serviceable Filter Housing, Buna-N (Nitrile) Seal, 1/8" (3.2mm) ID Tube

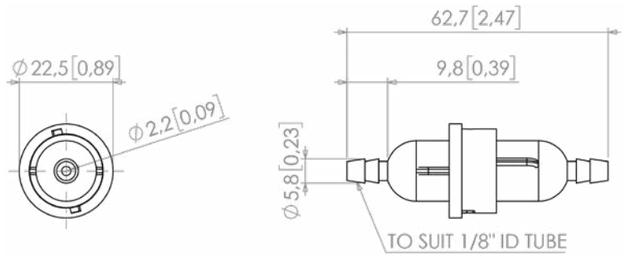
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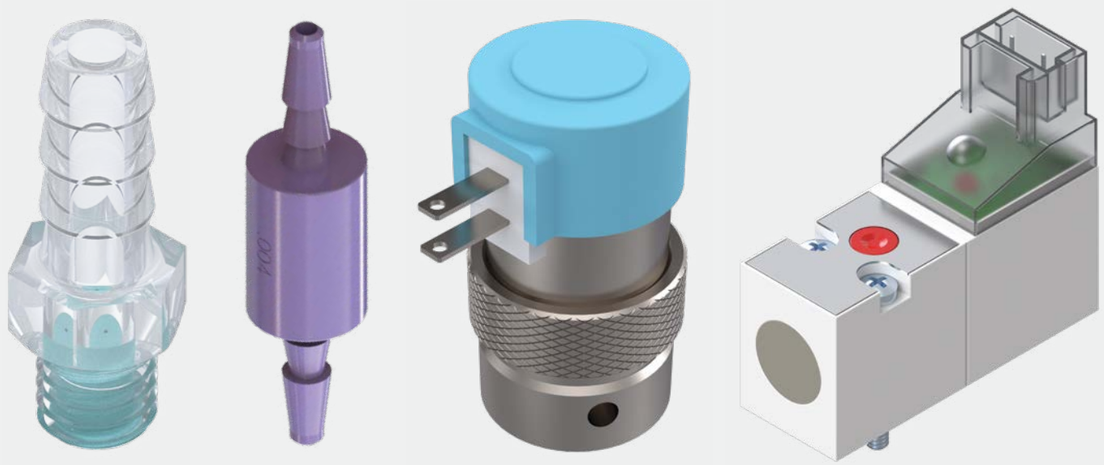
Actual Size



Technical Data

Max. Inlet Pressure: 2.76 bar (40 psi)
Mounting Style: In-line
Wetted Materials: Polycarbonate, Buna-N
Non-wetted Materials: Polycarbonate
Media/Ambient Temperature: 0°C-54°C (32°F - 130°F)
RoHS/REACH Compliant: Yes
Other Technical Data: Polycarbonate serviceable filter housing complete with Buna-N (Nitrile) seal and barbs to suit 1/8" (3.2mm) ID tube.







Orifice Restrictors

Sizes from 0.003" to 0.040". Straight, barb and threaded connections available.

Pages 234-244



Needle Valves

Adjustable flow control method, ideal when the exact flow rate has not yet been determined.

Pages 245-247



Regulators

Relieving/non-relieving pressure and vacuum regulators with various mounting options.

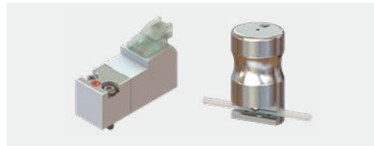
Pages 248-257



Pressure Relief Valves

Relieves pressure at a preset differential. Available in many different options.

Pages 258-261



Solenoid Valves

Reliable automatic flow control which can be tailored to meet specific requirements.

Pages 262-281

Pressure & Flow Control

Eox offers a wide range of precision orifice restrictors and flow control valves designed to restrict the flow of media and gases for many different applications including pneumatic, gas and compatible fluid control circuits.

For adjustable flow control we also have available needle and flow control valves to allow for a more controlled circuit to suit specific requirements.

Key Features

- Compact Design
- Optional style and size of connection
- RoHS and REACH compliant
- Practical and cost effective

Typical Applications

- Bioprocessing
- Biomedicine
- Pharmaceutical
- Analytical Detection

Material Options

- Polysulfone
- Polycarbonate
- Acetal (inc glass filled)
- Technopolymer
- Brass
- Nickel Plated Brass
- Stainless Steel

E-O-4B1U-4-316-N

316 Stainless Steel Straight Orifice Restrictor, Buna-N (Nitrile) Seal, 1/8" (3.2mm) ID Tube to 10-32 UNF Male Thread - 0.004" Orifice

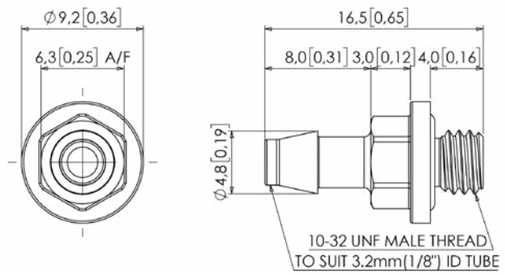
View range

Actual Size



Technical Data

Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 10-32 UNF Male Thread
Mounting Style: Threaded
Wetted Materials: 316 Stainless Steel, Buna-N (Nitrile), Brass, Ruby
Non-wetted Materials: 316 Stainless Steel
Media/Ambient Temperature: -30°C to 100°C (-22 to 212°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: This product incorporates a specially engineered groove design that complements the O-ring seal, resulting in a highly effective and leak-tight joint. O-rings are available in multiple materials, including EPDM, Buna-N (Nitrile), Silicone, and Viton (FKM).



More from this range

PART NUMBER	SIZE	ORIFICE	STYLE	MATERIAL
E-O-2B1U-4-316-N	1/16" ID	0.004"	Threaded	316 Stainless Steel
E-O-3B1U-4-316-N	3/32" ID	0.004"	Threaded	316 Stainless Steel

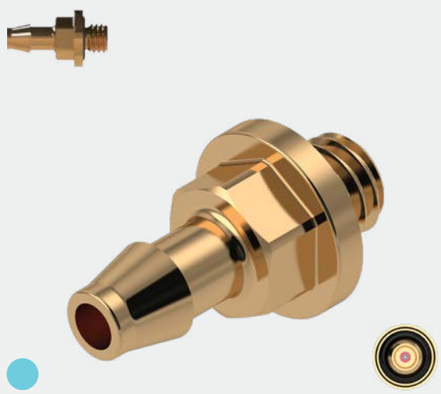
Also available: 0.004", 0.005", 0.006", 0.007", 0.010, 0.014" & 0.018" orifices
EPDM, Silicone and Viton seals

E-O-4B1U-4-PB-N

Brass Straight Orifice Restrictor, Buna-N (Nitrile) Seal, 1/8" (3.2mm) ID Tube to 10-32 UNF Male Thread - 0.004" Orifice

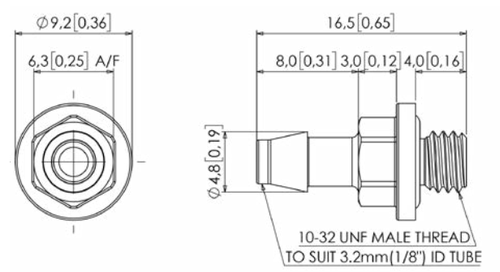
View range

Actual Size



Technical Data

Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 10-32 UNF Male Thread
Mounting Style: Threaded
Wetted Materials: Brass, Buna-N (Nitrile), Ruby
Non-wetted Materials: Brass
Media/Ambient Temperature: -30°C to 100°C (-22 to 212°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: This product incorporates a specially engineered groove design that complements the O-ring seal, resulting in a highly effective and leak-tight joint. O-rings are available in multiple materials, including EPDM, Buna-N (Nitrile), Silicone, and Viton (FKM).



More from this range

PART NUMBER	SIZE	ORIFICE	STYLE	MATERIAL
E-O-2B1U-4-PB-N	1/16" ID	0.004"	Threaded	Brass
E-O-3B1U-4-PB-N	3/32" ID	0.004"	Threaded	Brass

Also available: 0.004", 0.005", 0.006", 0.007", 0.010, 0.014" & 0.018" orifices
EPDM, Silicone and Viton seals

Discover more brass orifices online






E-O-4B1U-4-ENP-N

Nickel Plated Brass Straight Orifice Restrictor, Buna-N (Nitrile) Seal, 1/8" (3.2mm) ID Tube to 10-32 UNF Male Thread - 0.004" Orifice

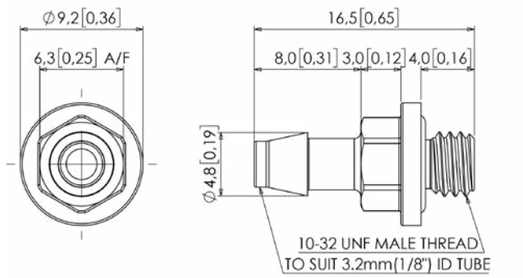
View range

Actual Size



Technical Data

Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 10-32 UNF Male Thread
Mounting Style: Threaded
Wetted Materials: Nickel Plated Brass, Buna-N (Nitrile), Ruby
Non-wetted Materials: Nickel Plated Brass
Media/Ambient Temperature: -30°C to 100°C (-22 to 212°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: This product incorporates a specially engineered groove design that complements the O-ring seal, resulting in a highly effective and leak-tight joint. O-rings are available in multiple materials, including EPDM, Buna-N (Nitrile), Silicone, and Viton (FKM).



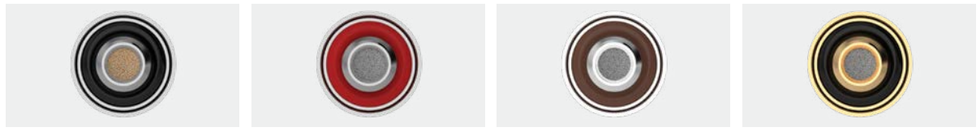
More from this range

PART NUMBER	SIZE	ORIFICE	STYLE	MATERIAL
E-O-2EB1U-4-ENP-N	1/16" ID	0.004"	Threaded	Nickel Plated Brass
E-O-3B1U-4-ENP-N	3/32" ID	0.004"	Threaded	Nickel Plated Brass

Also available: 0.004", 0.005", 0.006", 0.007", 0.010, 0.014" & 0.018" orifices EPDM, Silicone and Viton seals

Need a different filter or O-ring material?

Our barb to thread filters are available with EPDM, Buna-N (Nitrile), Silicone and Viton (FKM) O-rings as well as multiple filter materials including Sintered Bronze and 316 Stainless Steel.



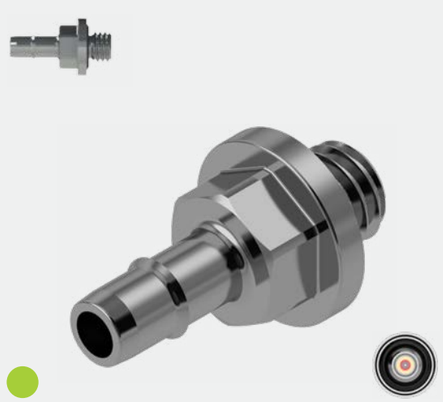
Explore our full EBF range online

E-O-4EB1U-4-316-N

316 Stainless Steel Straight Easy Barb Orifice Restrictor, Buna-N (Nitrile) Seal, 1/8" (3.2mm) ID Tube to 10-32 UNF Male Thread - 0.004" Orifice

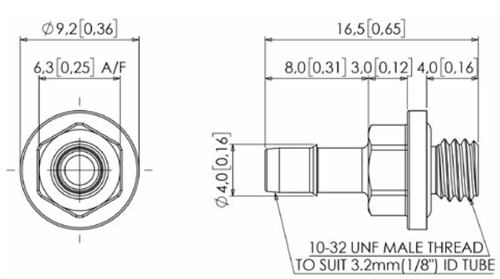
View range

Actual Size



Technical Data

Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 10-32 UNF Male Thread
Mounting Style: Threaded
Wetted Materials: Brass, Buna-N (Nitrile), Ruby
Non-wetted Materials: Brass
Media/Ambient Temperature: -30°C to 100°C (-22 to 212°F)
Recommended Filtration: Depending on application
RoHS/REACH Compliant: Yes
Other Technical Data: This product incorporates a specially engineered groove design that complements the O-ring seal, resulting in a highly effective and leak-tight joint. O-rings are available in multiple materials, including EPDM, Buna-N (Nitrile), Silicone, and Viton (FKM).



More from this range

PART NUMBER	SIZE	ORIFICE	STYLE	MATERIAL
E-O-2EB1U-4-316-N	1/16" ID	0.004"	Threaded	316 Stainless Steel
E-O-3EB1U-4-316-N	3/32" ID	0.004"	Threaded	316 Stainless Steel

Other materials available online. Also available: 0.004", 0.005", 0.006", 0.007", 0.010, 0.014" & 0.018" orifices and EPDM, Silicone and Viton seals

E-O-160034

Polysulfone 0.004" Orifice Restrictor, 1/16" (1.6mm) ID Tube to 10-32 UNF Male Thread

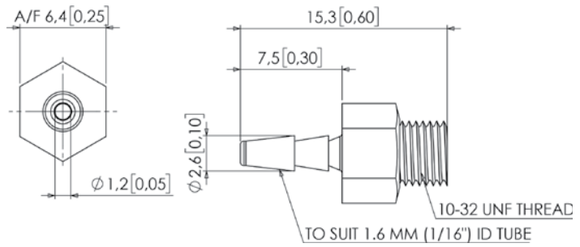
View range

Actual Size



Technical Data

Connection 1: 10-32 UNF Male Thread
Connection 2: 1/16" (1.6mm) ID Tube
Mounting Style: Threaded
Wetted Materials: FDA Approved Polysulfone
Media/Ambient Temperature: 5°C to 48°C (40°F to 120°F)
Recommended Filtration: 5 micron
RoHS/REACH Compliant: Yes
Regulatory Information: NSF, 3-A Sanitary standards of the Dairy Association, Department of Agriculture for contact with meat and poultry
Other Technical Data: Also available are alternative restrictors having orifice sizes ranging from 0.003" to 0.040" with straight or barbed ports to suit 1/16" (1.6mm) or 1/8" (3.2mm) ID tubing. It is also possible to use these orifice restrictors in the reverse direction of flow, though this will typically result in a reduction of the volume of flow by 10 – 20%.



More from this range

PART NUMBER	COLOUR	ORIFICE	SIZE	MATERIAL
E-O-160035	Lime Green	0.005"	1/16" ID	FDA Approved Polysulfone
E-O-160036	Red	0.006"	1/16" ID	FDA Approved Polysulfone
E-O-160037	Aqua Green	0.007"	1/16" ID	FDA Approved Polysulfone
E-O-160038	Yellow	0.010"	1/16" ID	FDA Approved Polysulfone
E-O-160039	Black	0.012"	1/16" ID	FDA Approved Polysulfone
E-O-160040	Grey	0.016"	1/16" ID	FDA Approved Polysulfone
E-O-160041	Blue	0.020"	1/16" ID	FDA Approved Polysulfone
E-O-160042	Brown	0.025"	1/16" ID	FDA Approved Polysulfone
E-O-160043	Beige	0.030"	1/16" ID	FDA Approved Polysulfone
E-O-160044	Rust	0.040"	1/16" ID	FDA Approved Polysulfone
E-O-160045	Purple	0.004"	1/8" ID	FDA Approved Polysulfone
E-O-160046	Lime Green	0.005"	1/8" ID	FDA Approved Polysulfone
E-O-160047	Red	0.006"	1/8" ID	FDA Approved Polysulfone
E-O-160048	Aqua Green	0.007"	1/8" ID	FDA Approved Polysulfone
E-O-160049	Yellow	0.010"	1/8" ID	FDA Approved Polysulfone
E-O-160050	Black	0.012"	1/8" ID	FDA Approved Polysulfone
E-O-160051	Grey	0.016"	1/8" ID	FDA Approved Polysulfone
E-O-160052	Blue	0.020"	1/8" ID	FDA Approved Polysulfone
E-O-160053	Brown	0.025"	1/8" ID	FDA Approved Polysulfone
E-O-160054	Beige	0.030"	1/8" ID	FDA Approved Polysulfone
E-O-160055	Rust	0.040"	1/8" ID	FDA Approved Polysulfone

Also available in Polycarbonate - see website for more options

E-O-230024

Polysulfone 0.001" Orifice Restrictor, 1/16" (1.6mm) ID Tube

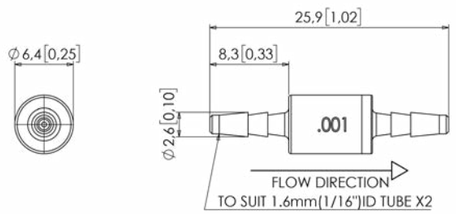
View range

Actual Size



Technical Data

Connections: 1/16" (1.6mm) ID Tube
Mounting Style: In-line
Wetted Materials: FDA Approved Polysulfone
Media/Ambient Temperature: 5°C to 48°C (40°F to 120°F)
Recommended Filtration: 5 micron
RoHS/REACH Compliant: Yes
Regulatory Information: NSF, 3-A Sanitary standards of the Dairy Association, Department of Agriculture for contact with meat and poultry
Other Technical Data: Also available are alternative restrictors having orifice sizes ranging from 0.001" to 0.040" with straight or barbed ports to suit 1/16" (1.6mm) or 1/8" (3.2mm) ID tubing. It is also possible to use these orifice restrictors in the reverse direction of flow, though this will typically result in a reduction of the volume of flow by 10 – 20%.



More from this range

PART NUMBER	COLOUR	ORIFICE	STYLE	MATERIAL
E-O-230026	Transparent Red	0.002"	In-line	FDA Approved Polysulfone
E-O-230028	Transparent Yellow	0.003"	In-line	FDA Approved Polysulfone
E-O-160012	Purple	0.004"	In-line	FDA Approved Polysulfone
E-O-160013	Lime Green	0.005"	In-line	FDA Approved Polysulfone
E-O-160014	Red	0.006"	In-line	FDA Approved Polysulfone
E-O-160015	Aqua Green	0.007"	In-line	FDA Approved Polysulfone
E-O-160016	Yellow	0.010"	In-line	FDA Approved Polysulfone
E-O-160017	Black	0.012"	In-line	FDA Approved Polysulfone
E-O-160018	Grey	0.016"	In-line	FDA Approved Polysulfone
E-O-160019	Blue	0.020"	In-line	FDA Approved Polysulfone
E-O-160020	Brown	0.025"	In-line	FDA Approved Polysulfone
E-O-160021	Beige	0.030"	In-line	FDA Approved Polysulfone
E-O-160022	Rust	0.040"	In-line	FDA Approved Polysulfone

Also available with a 316 Stainless Steel Dutch weave wire screen filter - 5, 43 or 73 micron

E-O-230025

Polysulfone 0.001" Orifice Restrictor, 1/8" (3.2mm) ID Tube

View range

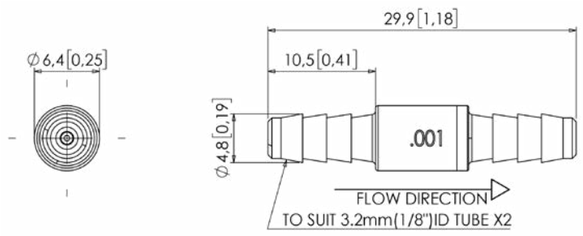
Actual Size





Technical Data

Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: FDA Approved Polysulfone
Media/Ambient Temperature: 5°C to 48°C (40°F to 120°F)
Recommended Filtration: 5 micron
RoHS/REACH Compliant: Yes
Regulatory Information: NSF, 3-A Sanitary standards of the Dairy Association, Department of Agriculture for contact with meat and poultry
Other Technical Data: Also available are alternative restrictors having orifice sizes ranging from 0.003" to 0.040" with straight or barbed ports to suit 1/16" (1.6mm) or 1/8" (3.2mm) ID tubing. It is also possible to use these orifice restrictors in the reverse direction of flow, though this will typically result in a reduction of the volume of flow by 10 – 20%.



More from this range

PART NUMBER	COLOUR	ORIFICE	STYLE	MATERIAL
E-O-230027	Transparent Red	0.002"	In-line	FDA Approved Polysulfone
E-O-230029	Transparent Yellow	0.003"	In-line	FDA Approved Polysulfone
E-O-160023	Purple	0.004"	In-line	FDA Approved Polysulfone
E-O-160024	Lime Green	0.005"	In-line	FDA Approved Polysulfone
E-O-160025	Red	0.006"	In-line	FDA Approved Polysulfone
E-O-160026	Aqua Green	0.007"	In-line	FDA Approved Polysulfone
E-O-160027	Yellow	0.010"	In-line	FDA Approved Polysulfone
E-O-160028	Black	0.012"	In-line	FDA Approved Polysulfone
E-O-160029	Grey	0.016"	In-line	FDA Approved Polysulfone
E-O-160030	Blue	0.020"	In-line	FDA Approved Polysulfone
E-O-160031	Brown	0.025"	In-line	FDA Approved Polysulfone
E-O-160032	Beige	0.030"	In-line	FDA Approved Polysulfone
E-O-160033	Rust	0.040"	In-line	FDA Approved Polysulfone

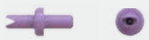
Also available with a 316 Stainless Steel Dutch weave wire screen filter - 5, 43 or 73 micron

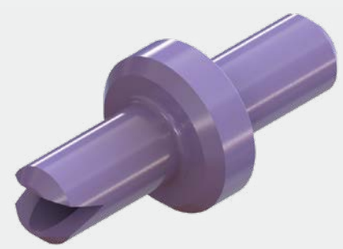
E-O-160001

Polysulfone Barbless 0.004" Orifice Restrictor, 1/16" (1.6mm) ID Tube

View range

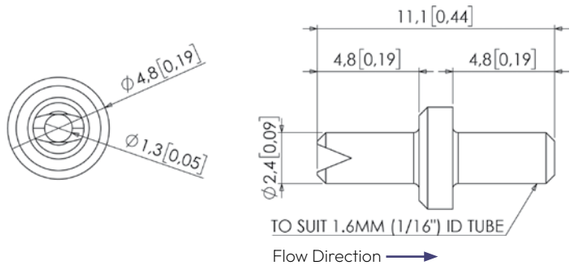
Actual Size





Technical Data

Connections: 1/16" (1.6mm) ID Tube
Mounting Style: In-line
Wetted Materials: FDA Approved Polysulfone
Media/Ambient Temperature: 5°C to 48°C (40°F to 120°F)
Recommended Filtration: 5 micron
RoHS/REACH Compliant: Yes
Regulatory Information: NSF, 3-A Sanitary standards of the Dairy Association, Department of Agriculture for contact with meat and poultry
Other Technical Data: Also available are alternative restrictors having orifice sizes ranging from 0.001" to 0.040" with straight or barbed ports to suit 1/16" (1.6mm) or 1/8" (3.2mm) ID tubing. It is also possible to use these orifice restrictors in the reverse direction of flow, though this will typically result in a reduction of the volume of flow by 10 – 20%.



More from this range

PART NUMBER	COLOUR	ORIFICE	STYLE	MATERIAL
E-O-160002	Lime Green	0.005"	In-line	FDA Approved Polysulfone
E-O-160003	Red	0.006"	In-line	FDA Approved Polysulfone
E-O-160004	Aqua Green	0.007"	In-line	FDA Approved Polysulfone
E-O-160005	Yellow	0.010"	In-line	FDA Approved Polysulfone
E-O-160006	Black	0.012"	In-line	FDA Approved Polysulfone
E-O-160007	Grey	0.016"	In-line	FDA Approved Polysulfone
E-O-160008	Blue	0.020"	In-line	FDA Approved Polysulfone
E-O-160009	Brown	0.025"	In-line	FDA Approved Polysulfone
E-O-160010	Beige	0.030"	In-line	FDA Approved Polysulfone
E-O-160011	Rust	0.040"	In-line	FDA Approved Polysulfone

Also available with a 316 Stainless Steel Dutch weave wire screen filter - 5, 43 or 73 micron

E-O-200002

Clear Polysulfone and Polycarbonate 0.003" Orifice Restrictor, 1/8" (3.2mm) ID Tube to 10-32 UNF Male Thread

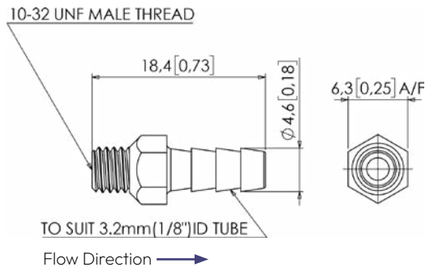
View range

Actual Size



Technical Data

Connection 1: 1/8" (3.2mm) ID Tube
Connection 2: 10-32 UNF Male Thread
Mounting Style: Threaded
Wetted Materials: FDA Approved Polycarbonate, FDA Approved Polysulfone
Media/Ambient Temperature: 5°C to 48°C (40°F to 120°F)
Recommended Filtration: 5 micron
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI, FDA Regulation 21 CFR 177.1581
Other Technical Data: Also available are alternative restrictors having orifice sizes ranging from 0.003" to 0.040" with straight or barbed ports to suit 1/16" (1.6mm) or 1/8" (3.2mm) ID tubing. It is also possible to use these orifice restrictors in the reverse direction of flow, though this will typically result in a reduction of the volume of flow by 10 – 20%.



More from this range

PART NUMBER	COLOUR	ORIFICE	STYLE	MATERIAL
E-O-200003	Purple	0.004"	Threaded	FDA Approved Polycarbonate/Polysulfone
E-O-200004	White	0.005"	Threaded	FDA Approved Polycarbonate/Polysulfone
E-O-200005	Yellow	0.006"	Threaded	FDA Approved Polycarbonate/Polysulfone
E-O-200006	Light Green	0.007"	Threaded	FDA Approved Polycarbonate/Polysulfone
E-O-200007	Lavender	0.008"	Threaded	FDA Approved Polycarbonate/Polysulfone
E-O-200001	Light Blue	0.009"	Threaded	FDA Approved Polycarbonate/Polysulfone
E-O-200008	Green	0.010"	Threaded	FDA Approved Polycarbonate/Polysulfone
E-O-200009	Orange	0.012"	Threaded	FDA Approved Polycarbonate/Polysulfone
E-O-200010	Grey	0.014"	Threaded	FDA Approved Polycarbonate/Polysulfone
E-O-200011	Brown	0.016"	Threaded	FDA Approved Polycarbonate/Polysulfone
E-O-200012	Red	0.020"	Threaded	FDA Approved Polycarbonate/Polysulfone
E-O-200013	Dark Blue	0.025"	Threaded	FDA Approved Polycarbonate/Polysulfone
E-O-200014	Black	0.030"	Threaded	FDA Approved Polycarbonate/Polysulfone
E-O-200015	Beige	0.040"	Threaded	FDA Approved Polycarbonate/Polysulfone
E-O-200016	Dark Grey	0.030"	Threaded	FDA Approved Polycarbonate/Polysulfone
E-O-200017	Teal	0.040"	Threaded	FDA Approved Polycarbonate/Polysulfone

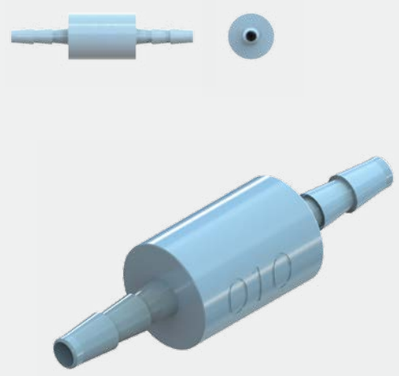
Also available in 1/16" barbs

E-O-160136

Polycarbonate 0.010" Filtered Orifice Restrictor, Buna-N Seal, 100 Micron, 1/16" (1.6mm) ID Tube

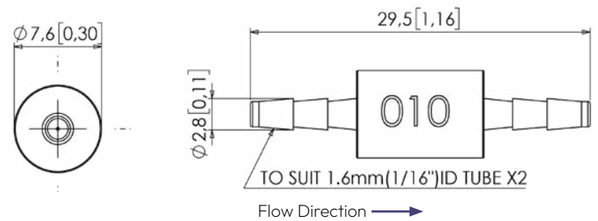
View range

Actual Size



Technical Data

Connections: 1/16" (1.6mm) ID Tube
Mounting Style: In-line
Wetted Materials: FDA Approved Polycarbonate, 304 Stainless Steel, Buna-N
Media/Ambient Temperature: 5°C to 48°C (40°F to 120°F)
Recommended Filtration: 100 micron, incorporated within orifice restrictor
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI, FDA Regulation 21 CFR 177.1580
Other Technical Data: Also available are alternative restrictors having orifice sizes ranging from 0.001" to 0.040" with straight or barbed ports to suit 1/16" (1.6mm) or 1/8" (3.2mm) ID tubing. It is also possible to use these orifice restrictors in the reverse direction of flow, though this will typically result in a reduction of the volume of flow by 10 – 20%.



More from this range

PART NUMBER	COLOUR	ORIFICE	STYLE	MATERIAL
E-O-160137	Green	0.012"	In-line	FDA Approved Polycarbonate
E-O-160003	Orange	0.014"	In-line	FDA Approved Polycarbonate
E-O-160004	Grey	0.016"	In-line	FDA Approved Polycarbonate
E-O-160005	Brown	0.017"	In-line	FDA Approved Polycarbonate
E-O-160006	Red	0.019"	In-line	FDA Approved Polycarbonate
E-O-160007	Dark Blue	0.020"	In-line	FDA Approved Polycarbonate
E-O-160008	Black	0.025"	In-line	FDA Approved Polycarbonate
E-O-160009	Beige	0.030"	In-line	FDA Approved Polycarbonate
E-O-160010	Dark Grey	0.035"	In-line	FDA Approved Polycarbonate
E-O-160011	Teal	0.040"	In-line	FDA Approved Polycarbonate

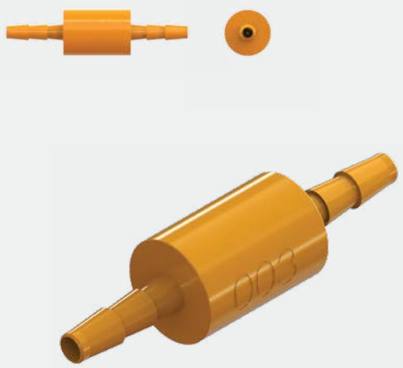
Also available 1/8" barbs

E-O-160113

Polycarbonate 0.003" Orifice Restrictor, Buna-N Seal, 1/16" (1.6mm) ID Tube

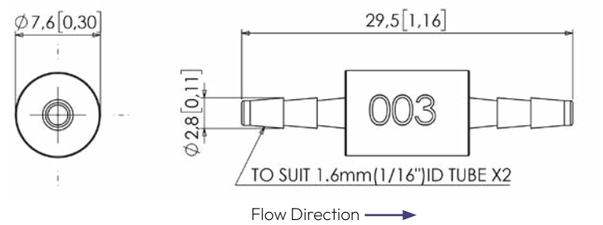
View range

Actual Size



Technical Data

Connections: 1/16" (1.6mm) ID Tube
Mounting Style: In-line
Wetted Materials: FDA Approved Polycarbonate, Buna-N
Media/Ambient Temperature: 5°C to 48°C (40°F to 120°F)
Recommended Filtration: 5 micron
RoHS/REACH Compliant: Yes
Regulatory Information: USP Class VI, FDA Regulation 21 CFR 177.1581
Other Technical Data: Also available are alternative restrictors having orifice sizes ranging from 0.003" to 0.040" with straight or barbed ports to suit 1/16" (1.6mm) or 1/8" (3.2mm) ID tubing. It is also possible to use these orifice restrictors in the reverse direction of flow, though this will typically result in a reduction of the volume of flow by 10 – 20%.



More from this range

PART NUMBER	COLOUR	ORIFICE	INTEGRATED FILTER	STYLE	MATERIAL
E-O-160114	Purple	0.004"	None	In-line	FDA Approved Polycarbonate
E-O-160115	White	0.005"	None	In-line	FDA Approved Polycarbonate
E-O-160116	Yellow	0.007"	None	In-line	FDA Approved Polycarbonate
E-O-160117	Light Green	0.008"	None	In-line	FDA Approved Polycarbonate
E-O-160118	Lavender	0.009"	None	In-line	FDA Approved Polycarbonate
E-O-160119	Light Blue	0.010"	None	In-line	FDA Approved Polycarbonate
E-O-160120	Green	0.012"	None	In-line	FDA Approved Polycarbonate
E-O-160121	Orange	0.014"	None	In-line	FDA Approved Polycarbonate
E-O-160122	Grey	0.016"	None	In-line	FDA Approved Polycarbonate
E-O-160123	Brown	0.017"	None	In-line	FDA Approved Polycarbonate
E-O-160124	Red	0.019"	None	In-line	FDA Approved Polycarbonate
E-O-160126	Black	0.025"	None	In-line	FDA Approved Polycarbonate
E-O-160127	Beige	0.030"	None	In-line	FDA Approved Polycarbonate
E-O-160128	Dark Grey	0.035"	None	In-line	FDA Approved Polycarbonate
E-O-160129	Teal	0.040"	None	In-line	FDA Approved Polycarbonate
E-O-160130	Gold	0.003"	5 micron 304 Stainless Steel Screen	In-line	FDA Approved Polycarbonate
E-O-160131	Purple	0.004"	5 micron 304 Stainless Steel Screen	In-line	FDA Approved Polycarbonate
E-O-160132	White	0.005"	5 micron 304 Stainless Steel Screen	In-line	FDA Approved Polycarbonate
E-O-160133	Yellow	0.007"	5 micron 304 Stainless Steel Screen	In-line	FDA Approved Polycarbonate
E-O-160134	Light Green	0.008"	5 micron 304 Stainless Steel Screen	In-line	FDA Approved Polycarbonate
E-O-160135	Lavender	0.009"	5 micron 304 Stainless Steel Screen	In-line	FDA Approved Polycarbonate

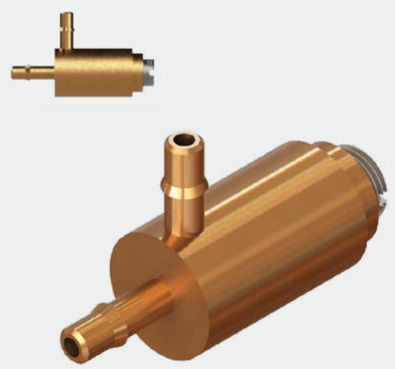
Also available 1/8" barbs

E-N-190019

Miniature Bronze Fine Adjustment Needle Valve, Bidirectional, Buna-N Seal, 1/16" (1.6mm) ID Tube, Screwdriver Slot Adjustment

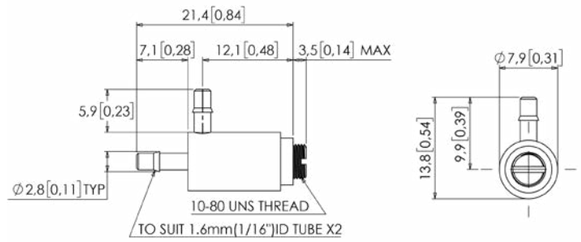
View range

Actual Size



Technical Data

Connections: 1/16" (1.6mm) ID Tube
Mounting Style: In-line
Wetted Materials: Phosphor Bronze, 303 Stainless Steel, Polyethylene
Media/Ambient Temperature: 5-48°C (40-120°F
Recommended Filtration: 5 micron
RoHS/REACH Compliant: Yes
Other Technical Data: Compatible with gases and liquids. Tube retention pressure 8.6 bar/125 psi (subject to tubing specification). This needle valve has a 4° pin angle and 7 turns of adjustment from fully closed to fully open. The ports are orientated at 90°.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-N-190020	1/8" ID - Barb	In-line	Brass
E-N-190022	1/16" ID - Straight	In-line	Brass
E-N-190023	1/16" ID - Rigid	Panel Mount	Brass
E-N-190024	1/8" ID - Barb	Panel Mount	Brass
E-N-190026	1/16" ID - Straight	Panel Mount	Brass

Explore our full needle valve range online






E-N-230007

Miniature Glass Filled Polypropylene Needle Valve, Bidirectional, Buna-N Seal, 1/8" (3.2mm) ID Tube, Knob With Screwdriver Slot Adjustment

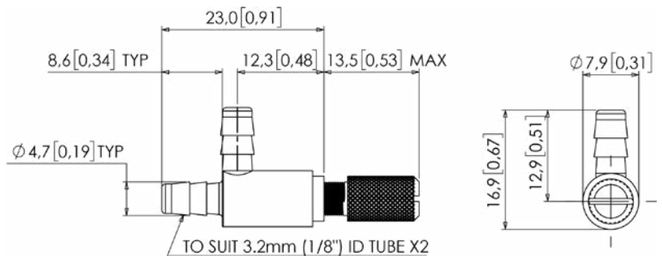
View range

Actual Size



Technical Data

Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Glass Filled Polypropylene, Buna-N, 303 Stainless Steel**Media/Ambient Temperature:** 5°C to 48°C (40°F to 120°F)
Recommended Filtration: 5 micron
RoHS/REACH Compliant: Yes
Regulatory Information: Compatible with gases and liquids. Tube retention pressure 8.6 bar/125 psi (subject to tubing specification). This needle valve has a 6° pin angle and 7 turns of adjustment from fully closed to fully open. The ports are orientated at 90°.



More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-N-230008	1/16" ID - Straight Port	In-line	Glass Filled Polypropylene
E-N-230009	1/8" ID	Panel Mount	Glass Filled Polypropylene
E-N-230010	1/16" ID	Panel Mount	Glass Filled Polypropylene

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- Product design
- Manufacturing
- Inspection and testing
- Production assembly

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E-N-230002

Miniature Glass Filled Nylon Needle Valve, Bidirectional, Buna-N Seal, 1/8" (3.2mm) ID Tube (x2), Knob With Screwdriver Slot Adjustment

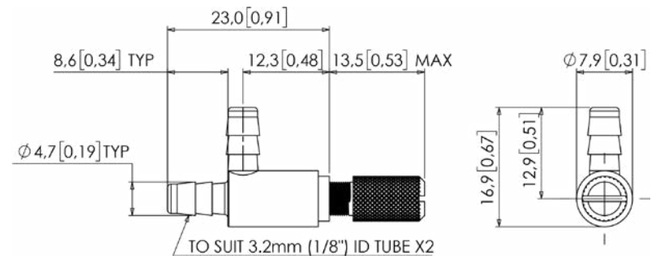
View range

Actual Size



Technical Data

Connections: 1/8" (3.2mm) ID Tube
Mounting Style: In-line
Wetted Materials: Glass Filled Nylon, 303 Stainless Steel Steel
Media/Ambient Temperature: 5°C to 48°C (40°F to 120°F)
Recommended Filtration: 5 micron
RoHS/REACH Compliant: Yes
Regulatory Information: Compatible with gases and liquids. Tube retention pressure 8.6 bar/125 psi (subject to tubing specification). This needle valve has a 6° pin angle and 7 turns of adjustment from fully closed to fully open. The ports are orientated at 90°.



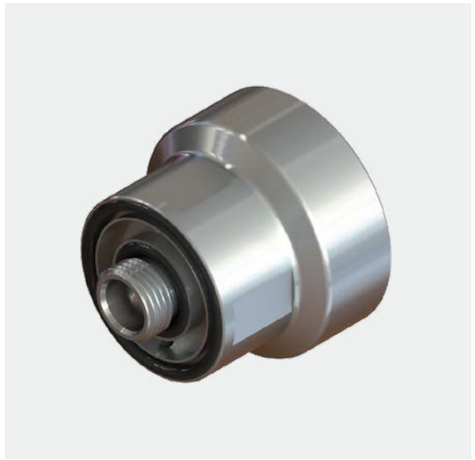
More from this range

PART NUMBER	SIZE	STYLE	MATERIAL
E-N-230001	1/16" ID	In-line	Glass Filled Nylon
E-N-230003	1/16" ID - Straight Port	In-line	Glass Filled Nylon
E-N-230004	1/16" ID	Panel Mount	Glass Filled Nylon
E-N-230005	1/8" ID	Panel Mount	Glass Filled Nylon
E-N-230006	1/16" ID - Straight Port	Panel Mount	Glass Filled Nylon

ENR-20-MMG-SS-V-H-C

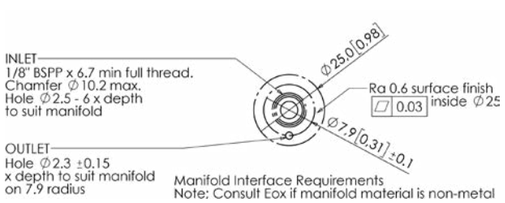
Stainless Steel Precision Miniature Pressure Regulator, FKM Seal, Non-relieving, Non-bleed, 1/8" BSPP Male Thread

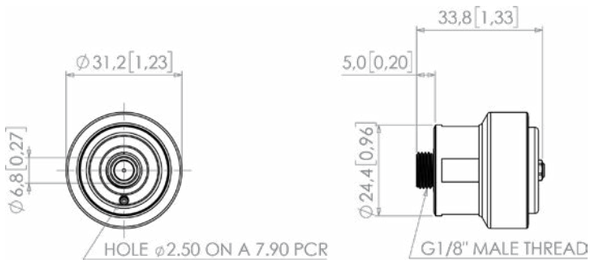
View range



Technical Data

Connection 1: 1/8" BSPP Male Thread
Connection 2: See manifold interface requirements
Mounting Style: Threaded
Wetted Materials: 316 Stainless Steel, Viton (FKM), PVDF
Flow Rate (LPM): 60 LPM - At 6 bar supply, 1.0 bar outlet pressure set point
Max pressure hysteresis at 20°C: (bar [psi]): 0.03 bar (0.45 psi)
Effect of Supply Pressure Variation: <0.01 bar outlet pressure per 0.35 bar change in inlet pressure
Max Inlet Pressure: 8 bar (116 psi)
Media/Ambient Temperature: 0-60°C (32-140°F) Air supply must be dry enough to avoid ice formation below 2°C
Recommended Filtration: 5 micron
RoHS/REACH Compliant: Yes
Other Technical Data: Designed for an outlet pressure range of 0.05 to 2.00 bar, with a maximum inlet pressure of 8 bar (45 psi).







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E-R-170026

Polysulfone Precision Pressure Regulator, Buna-N Seal, Non-Relieving, Non-Bleed, 1/8" NPT Female Thread, 0.5 to 3.5 psi

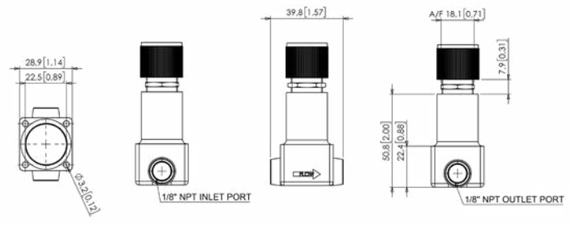
View range

Actual Size



Technical Data

Connections: 1/8" NPT Female Thread
Mounting Style: In-Line/Direct/Panel Mount
Wetted Materials: Polysulfone, Acetal, Polyurethane, Buna-N, EPDM, Stainless Steel
Flow Rate (LPM [SCFM]): 28 LPM/1.0 SCFM
Outlet Pressure Range: (bar [psi]): 0.03 to 0.24 bar (0.5 to 3.5 psi)
Max Inlet Pressure: 10.34 bar (150 psi)
Media/Ambient Temperature: 4 to 66°C (40 to 150°F)
Recommended Filtration: 5 micron
Regulatory Information: NSF, FDA (177.2500), 3A sanitary standards for use in contact surfaces for Dairy Equipment
RoHS/REACH Compliant: Yes
Other Technical Data: This is a non-relieving, non-bleed type regulator and is not recommended for dead-end, no flow applications. A downstream relief of at least 20cc/min is recommended. Regulators can be a relieving type or non-relieving. The application dictates which you would use.



More from this range

PART NUMBER	PRESSURE	STYLE	MATERIAL
E-R-170027	0.5-10 psi	1/8" NPT Female Thread	Polysulfone
E-R-170028	0.5-30 psi	1/8" NPT Female Thread	Polysulfone
E-R-170029	0.5-60 psi	1/8" NPT Female Thread	Polysulfone
E-R-170030	0.5-90 psi	1/8" NPT Female Thread	Polysulfone

E-R-170017

Glass Filled Acetal Precision Pressure Regulator, Buna-N Seal, Relieving, Constant Bleed, 10-32 UNF Female Thread, 0.5 to 10 psi

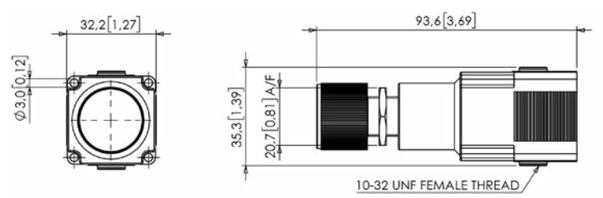
View range

Actual Size



Technical Data

Connections: 10-32 UNF Female Thread
Mounting Style: In-Line/Panel Mount
Wetted Materials: Glass Filled Acetal, Carbon Filled Nylon, Acetal, Polyurethane, Buna-N, Stainless Steel, Silicone Nitrile, PVC, Epoxy Coated Music Wire
Flow Rate (LPM [SCFM]): 5 SCFM
Outlet Pressure Range: (bar [psi]): 0.03 to 0.69 (0.5 to 10 psi)
Max Inlet Pressure: 10.34 bar (150 psi)
Media/Ambient Temperature: 4 to 66°C (40 to 150°F)
Recommended Filtration: 380 micron integrated within the regulator
RoHS/REACH Compliant: Yes
Other Technical Data: Miniature precision pressure regulator with a 10-32 UNF female threaded Glass Filled Celcon body, 20 turn non-rising adjusting knob for precise regulation, Buna-N/Polyurethane diaphragm and adjusting range of 0.5 to 10 psi. This regulator also has an internal 380 micron 304 Stainless Steel filter. This is a relieving style regulator and is designed to be used with compressed air.



More from this range

PART NUMBER	PRESSURE	STYLE	MATERIAL
E-R-170018	0.5-30 psi	10-32 UNF Female Thread	Glass Filled Celcon
E-R-170019	0.5-60 psi	10-32 UNF Female Thread	Glass Filled Celcon
E-R-170020	0.5-90 psi	10-32 UNF Female Thread	Glass Filled Celcon

E-R-170051

Polysulfone Manifold Mount Precision Pressure Regulator, Buna-N Seal, Non-Relieving, Non-Bleed, 0.5 to 3.5 psi

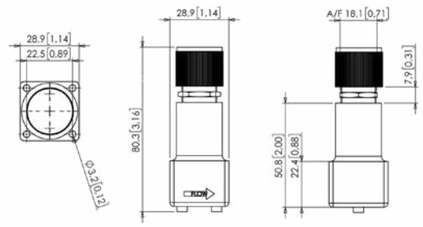
View range

Actual Size



Technical Data

Connections: 0.20" (5.1mm) OD Stem
Mounting Style: Manifold Mount - See Footprint on Technical Drawing
Wetted Materials: Polysulfone, Acetal, Polyurethane, Buna-N, EPDM, Stainless Steel
Flow Rate (LPM [SCFM]): 28 LPM/1.0 SCFM
Outlet Pressure Range: (bar [psi]): 0 to 0.05 bar (0 to 7.25 psi)
Max Inlet Pressure: 10.34 bar (150 psi)
Media/Ambient Temperature: 4 to 66°C (40 to 150°F)
Recommended Filtration: 5 micron
Regulatory Information: NSF, FDA (177.2500), 3A sanitary standards for use in contact surfaces for Dairy Equipment
RoHS/REACH Compliant: Yes
Other Technical Data: This is a non-relieving, non-bleed type regulator and is not recommended for dead-end, no flow applications. A downstream relief of at least 20cc/min is recommended. Regulators can be a relieving type or non-relieving.



More from this range

PART NUMBER	PRESSURE	STYLE	MATERIAL
E-R-170052	0.5-10 psi	Manifold Mount	Polysulfone
E-R-170053	0.5-30 psi	Manifold Mount	Polysulfone
E-R-170054	0.5-60 psi	Manifold Mount	Polysulfone
E-R-170055	0.5-90 psi	Manifold Mount	Polysulfone
E-R-170046	0.5-3.5 psi	10-32 UNF Female Thread	Polysulfone
E-R-170047	0.5-10 psi	10-32 UNF Female Thread	Polysulfone
E-R-170048	0.5-30 psi	10-32 UNF Female Thread	Polysulfone
E-R-170049	0.5-60 psi	10-32 UNF Female Thread	Polysulfone
E-R-170050	0.5-90 psi	10-32 UNF Female Thread	Polysulfone
E-R-170026	0.5-3.5 psi	1/8" NPT Female Thread	Polysulfone
E-R-170027	0.5-10 psi	1/8" NPT Female Thread	Polysulfone
E-R-170028	0.5-30 psi	1/8" NPT Female Thread	Polysulfone
E-R-170029	0.5-60 psi	1/8" NPT Female Thread	Polysulfone
E-R-170030	0.5-90 psi	1/8" NPT Female Thread	Polysulfone

E-R-230006

Miniature Elbow Pressure Regulator, Buna-N Seal, 1/8" BSPP Male Thread to 4.0mm OD Push-In Fitting, 0.5 to 10 bar

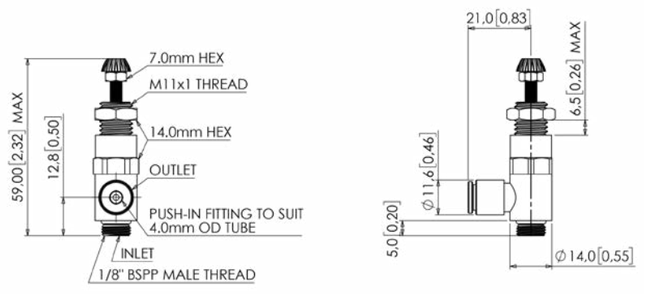
View range

Actual Size



Technical Data

Connection 1: 1/8" BSPP Male Thread
Connection 2: Push-In Fitting to suit 4.0mm OD Tube
Mounting Style: Threaded
Wetted Materials: Brass, Technopolymer, Buna-N
Flow Rate (LPM): 90 LPM - At 6 bar with 1 bar pressure drop
Outlet Pressure Range: (bar [psi]): 0.5 to 10 bar (7.2 to 145 psi)
Max Inlet Pressure: 2 to 10 bar (29 to 145 psi)
Media/Ambient Temperature: -5 to 50°C (23 to 122°F)
Recommended Filtration: To suit application and media used
RoHS/REACH Compliant: Yes
Other Technical Data: Adjustment range of 0.5 to 10 bar.



More from this range

PART NUMBER	PRESSURE	STYLE	MATERIAL
E-R-230007	0.5-10 bar	1/8" BSPP x 6mm OD	Brass, Technopolymer
E-R-230008	0.5-10 bar	1/8" BSPP x 8mm OD	Brass, Technopolymer
E-R-230009	0.5-10 bar	1/4" BSPP x 6mm OD	Brass, Technopolymer
E-R-230010	0.5-10 bar	1/4" BSPP x 8mm OD	Brass, Technopolymer

E-R-200001

Technopolymer Pressure Regulator, Buna-N Seal, Relieving, 1/8" BSPP Female Thread, 0 to 2 bar

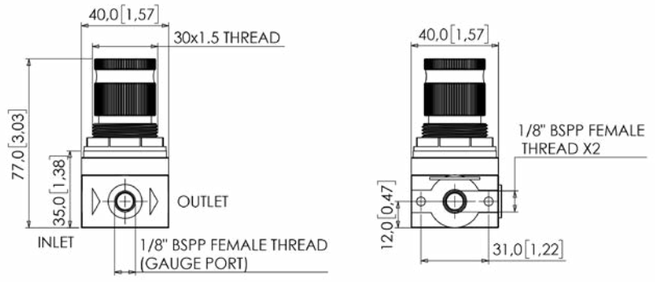
View range

Actual Size



Technical Data

Connection 1 & 3: 1/8" BSPP Female Thread
Connection 2 & 4: 1/8" BSPP Female Thread (Gauge Port)
Mounting Style: In-line/Panel Mount
Wetted Materials: Technopolymer, Buna-N, Brass
Flow Rate (LPM [SCFM]): 340 LPM / 12 SCFM At 6.3 bar with 0.5 bar pressure drop or 600 LPM /21 SCFM At 6.3 bar with 1 bar pressure drop
Outlet Pressure Range: (bar [psi]): 0 to 2 bar (0 to 29 psi)
Max Inlet Pressure: 13 bar (188 psi)
Media/Ambient Temperature: -10 to 50°C (14 to 122°F)
Recommended Filtration: To suit application and media used
RoHS/REACH Compliant: Yes
Other Technical Data: This is a relieving style regulator and is designed to be used with compressed air.



More from this range

PART NUMBER	RELIEVING	STYLE	MATERIAL
E-R-230003	Non-Relieving 0-2 bar	In-line/Panel Mount	Technopolymer
E-R-230004	Non-Relieving 0.4 bar	In-line/Panel Mount	Technopolymer
E-R-230005	Relieving 0.4 bar	In-line/Panel Mount	Technopolymer

E-R-220001

Manifold Mount Oxygen Compatible Pressure Regulator, FKM Seal, Non-Relieving, 0 to 0.5 bar

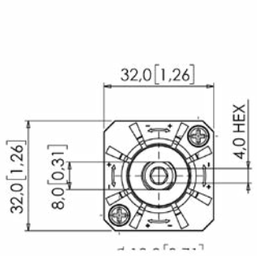
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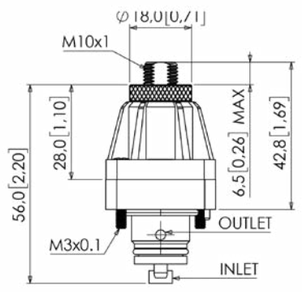
Actual Size



Technical Data

Connections: See technical drawing
Mounting Style: Manifold Mount
Wetted Materials: Polyphenylene sulfide (PPS), FKM, Stainless Steel
Flow Rate (LPM): 140 LPM - 0.5 bar regulated pressure from 2 bar inlet
Outlet Pressure Range: (bar [psi]): 0 to 0.05 bar (0 to 7.25 psi)
Max Inlet Pressure: 2 bar (29 psi)
Media/Ambient Temperature: -5 to 50°C (23 to 122°F) Air supply must be dry enough to avoid ice formation below 2°C
Recommended Filtration: To suit application and media used
RoHS/REACH Compliant: Yes
Other Technical Data: Compatible with air, inert and medical gases and oxygen.





More from this range

PART NUMBER	PRESSURE	STYLE	MATERIAL
E-R-220002	0 to 2 bar	Manifold Mount	Polyphenylene Sulfide (PPS)
E-R-220003	0 to 3 bar	Manifold Mount	Polyphenylene Sulfide (PPS)
E-R-220004	0 to 4 bar	Manifold Mount	Polyphenylene Sulfide (PPS)

E-R-220005

Anodised Aluminium Base Oxygen Compatible Pressure Regulator, FKM Seal, Non-Relieving, 1/8" BSPP Female Thread, 0 to 0.5 bar

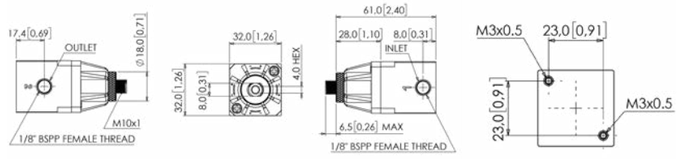
View range

Actual Size



Technical Data

Connections: 1/8" BSPP Female Thread
Mounting Style: Threaded
Wetted Materials: Anodised Aluminium, Polyphenylene sulfide (PPS), FKM FKM, Stainless Steel
Flow Rate (LPM): 140 LPM - 0.5 bar regulated pressure from 2 bar inlet
Outlet Pressure Range: (bar [psi]): 0 to 0.05 bar (0 to 7.25 psi)
Max Inlet Pressure: 2 bar (29 psi)
Media/Ambient Temperature: -5 to 50°C (23 to 122°F)
Recommended Filtration: To suit application and media used
RoHS/REACH Compliant: Yes
Other Technical Data: Compatible with air, inert and medical gases and oxygen.



More from this range

PART NUMBER	PRESSURE	STYLE	MATERIAL
E-R-220006	0 to 2 bar	Threaded	Aluminium/PPS
E-R-220007	0 to 3 bar	Threaded	Aluminium/PPS
E-R-220008	0 to 4 bar	Threaded	Aluminium/PPS

E-R-220009

Nickel Plated Brass Precision In-Line Regulator, FKM Seal, Non-Relieving, 10-32 UNF Female Thread, 1 to 50 psi

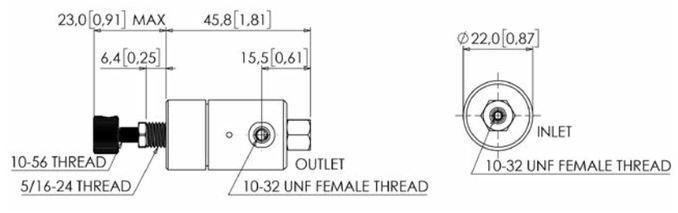
View range

Actual Size



Technical Data

Connections: 10-32 UNF Female Thread
Mounting Style: Threaded
Wetted Materials: Nickel Plated Brass, FKM
Flow Rate (LPM): 144 LPM - 45 psi set point with 100 psi supply
Outlet Pressure Range: (bar [psi]): 0.06 to 3.4 bar (1 to 50 psi)
Max Inlet Pressure: 20.68 bar (300 psi)
Media/Ambient Temperature: 0 to 110°C (32 to 230°F) Air supply must be dry enough to avoid ice formation below 2°C
Recommended Filtration: To suit application and media used
RoHS/REACH Compliant: Yes
Other Technical Data: Compatible with air, inert and medical gases and oxygen.



More from this range

PART NUMBER	PRESSURE	STYLE	MATERIAL
E-R-220010	0.06 to 3.44 bar	Cartridge	Nickel Plated Brass
E-R-220011	0.06 to 3.44 bar	Manifold Mount	Nickel Plated Brass



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E-R-170066

Polysulfone Precision Vacuum Regulator, Buna-N Seal, Relieving, Constant Bleed, 1/8" NPT Female Thread, 0 to 30" Hg

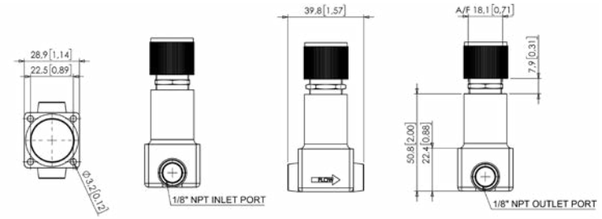
View range

Actual Size



Technical Data

Connections: 1/8" NPT Female Thread
Mounting Style: In-Line/Direct/Panel Mount
Wetted Materials: Polysulfone, Acetal, Polyurethane, Buna-N, EPDM, Stainless Steel
Flow Rate (LPM [SCFM]): 28 LPM / 1.0 SCFM
Outlet Pressure Range (InHg [mBar]): 1" to 30" Hg 36 to 1013 mBar
Max Inlet Pressure (InHg [mBar]): 30" Hg 36 to 1013 mBar
Media/Ambient Temperature: 4 to 66°C (40 to 150°F)
Recommended Filtration: 5 micron
Regulatory Information: NSF, FDA (177.2500), 3A sanitary standards for use in contact surfaces for Dairy Equipment
RoHS/REACH Compliant: Yes
Other Technical Data: This is a relieving type regulator and also has a constant bleed to maintain an accurate pressure setting; this is designed to be used with Vacuum. Regulators can be a relieving type or non-relieving. The application dictates which you would use.



More from this range

PART NUMBER	PRESSURE	STYLE	MATERIAL
E-R-170067	30" hg (1013 mbar)	10-32 UNF	Polysulfone
E-R-170068	30" hg (1013 mbar)	Manifold Mount	Polysulfone

E-N-8P8P8P-1-N

Grey Acetal Tee Pressure Relief Valve, Buna-N (Nitrile) Seal, 1/4" OD Push-In Fitting, Cracking Pressure 1 psi

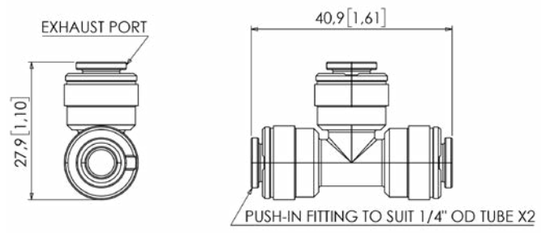
View range

Actual Size



Technical Data

Connection 1 & 3: Push-In fittings to suit 1/4" OD Tube
Connection 2: Exhaust port
Mounting Style: In-line
Wetted Materials: Acetal, Buna-N (Nitrile), Stainless Steel, Nylon
Max Inlet Pressure: 1.72 bar (25 psi)
Media/Ambient Temperature: -20 to 65°C (-4 to 149°F)
Recommended Filtration: To suit application and media used
Regulatory Information: Push-In fitting – NSF 51, FDA compliant
RoHS/REACH Compliant: Yes
Other Technical Data: This tee push-in pressure relief valve provides compact, reliable pressure stabilisation in low pressure systems. Its quick push-in design enables easy installation. The durable Acetal body with Buna-N (Nitrile) sealing ensures long service life. It is ideal for air pumps and general fluid handling applications. Cracking pressure tolerance ±20%. Do not push tubing into exhaust port.



More from this range

PART NUMBER	PRESSURE	STYLE	MATERIAL
E-R-220010	0.06 to 3.44 bar	Cartridge	Nickel Plated Brass
E-R-220011	0.06 to 3.44 bar	Manifold Mount	Nickel Plated Brass

E-R-170066

Miniature Polysulfone Relief Valve, Bidirectional, Buna-N Seal, 10-32 UNF Female Thread, 0 to 10 psi

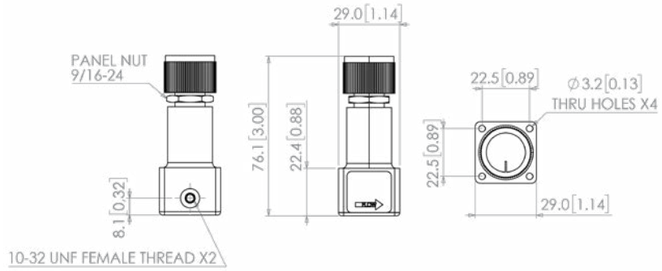
View range

Actual Size



Technical Data

Connections: 10-32 UNF Female Thread
Mounting Style: In-Line/Panel Mount
Wetted Materials: Polysulfone, Silicone, Buna-N
Flow Rate (LPM): 16 LPM @30 psi pressure setpoint
Max Inlet Pressure (bar [psi]): 10.34 bar (150 psi)
Media/Ambient Temperature: 4 to 66°C (40 to 150°F)
Recommended Filtration: To suit application and media used
RoHS/REACH Compliant: Yes
Other Technical Data: This product can be operate as either relief valve or low flow back pressure regulator.



More from this range

PART NUMBER	PRESSURE	STYLE	MATERIAL
E-N-200011	0-30 psi	10-32 UNF	Polysulfone
E-N-200012	0-60 psi	10-32 UNF	Polysulfone
E-N-200013	0-100 psi	10-32 UNF	Polysulfone

E-R-230012

Miniature Polysulfone Adjustable Relief Valve, Silicone Seal, 1/16" (1.6mm) ID Tube, 0.25 to 10 psi

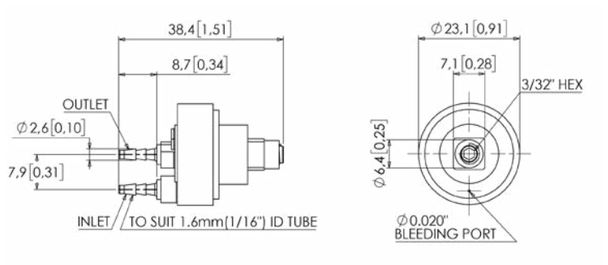
View range

Actual Size



Technical Data

Connections: 1/16" (1.6mm) ID Tube
Mounting Style: In-line/Panel Mount
Wetted Materials: Polysulfone, Silicone, Stainless Steel
Flow Rate (LPM): 3.5 LPM - @ 9 psi
Outlet Pressure Range: (psi): 0.25 to 10psi
Max Inlet Pressure: 21 bar (30 psi)
Media/Ambient Temperature: 5 to 48°C (40 to 120°F)
Recommended Filtration: 5 micron
RoHS/REACH Compliant: Yes
Other Technical Data: An adjustable pressure relief valve is designed to relieve excess pressure in a system when it exceeds a predetermined setpoint. Its main function is to protect the system from overpressure conditions by opening and releasing fluid until the pressure returns to a safe level. To adjust the valve, turn the allen wrench clockwise to reach zero adjustment or turn it counter clockwise to achieve the desired relieving or sequencing pressure.



More from this range

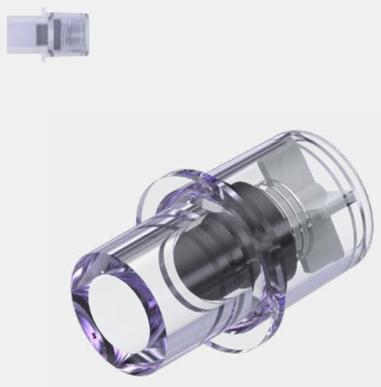
PART NUMBER	PRESSURE	SIZE	MATERIAL
E-R-230014	0.25 to 20 psi	1/16" ID	Polysulfone
E-R-230013	0.25 to 10 psi	1/8" ID	Polysulfone
E-R-230015	0.25 to 20 psi	1/8" ID	Polysulfone

E-N-260015

Clear Gamma Grade Polycarbonate Pressure Relief Valve, Silicone Seal, Luer Syringe Port to 0.278" (7.1mm) OD Stem, Cracking Pressure 2.7 psi

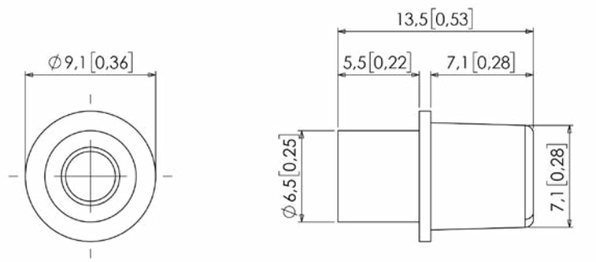
View range

Actual Size



Technical Data

Connection 1: Luer Syringe Port (Luer Slip Adaptor)
Connection 2: 0.278" (7.1mm) OD Stem
Mounting Style: In-line
Wetted Materials: Gamma Grade PVC, Silicone, Stainless Steel, Polypropylene
Recommended Filtration: To suit application and media used
Regulatory Infromation: USP Class VI
Cleanroom Manufactured: Meet requirement of ISO Class 8 cleanroom
RoHS/REACH Compliant: Yes
Other Technical Data: This product compatible with ISO 594 and ISO 80369-7. All plastic materials are latex free. Animal Derivative Free. Human Derivative Free. Valve stem and body will mate securely with all standard luer syringes and luer connectors. Spring pressure tolerance ±10%. Product designed for use in disposable applications



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E-V-220001

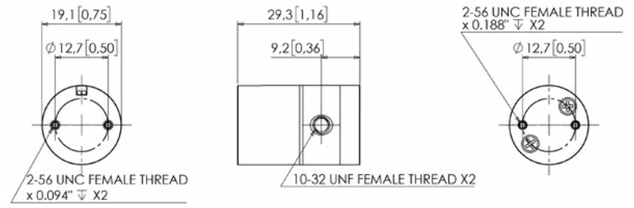
PTFE 2-Way Isolation Valve, Normally Closed, Viton (FKM) Seal, 0.040" Orifice Effective Size, 18" Wire Leads, 10-32 UNF Female Thread, 12 VDC

View range



Technical Data

Connections: 10-32 UNF Female Thread
Mounting Style: Threaded
Wetted Materials: PTFE
Flow Rate (LPM): 6 LPM - Air @ 30 psi
Outlet Pressure Range: (psi): 0.25 to 10psi
Max Inlet Pressure: 2 bar (30 psi)
Media/Ambient Temperature: -29 to 70°C (-20 to 158°F)
Recommended Filtration: To suit application and media used
RoHS/REACH Compliant: Yes
Other Technical Data: This PTFE body miniature valve features a one piece PTFE valve stem that serves as both a sealing membrane and poppet support, simplifying the design to just two or three components for 2-Way and 3-Way configurations. It is engineered for isolating gases or liquids in applications such as drug dispensing, laboratory instruments, chemical, analytical processes, life sciences, chromatography, spectrometry, blood analysis, water treatment and ultra-low leakage systems.



More from this range

PART NUMBER	ORIFICE	VOLTAGE	MATERIAL
E-V-220005	0.040"	24VDC	PTFE
E-V-220002	0.062"	12 VDC	PTFE
E-V-220006	0.062"	24 VDC	PTFE
E-V-220003	0.093"	12 VDC	PTFE
E-V-220007	0.093"	24 VDC	PTFE
E-V-220004	0.0156"	12 VDC	PTFE
E-V-220008	0.0156"	24 VDC	PTFE

Normally open also available

E-V-250027

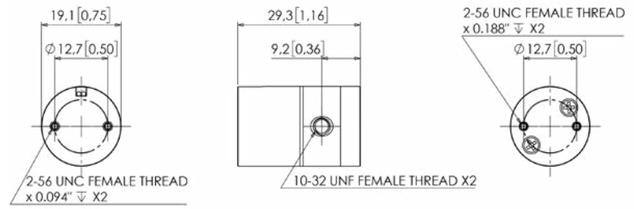
PEEK 2-Way Isolation Valve, Normally Closed, PTFE Seal, 0.040" Orifice Effective Size, 18" Wire Leads, 10-32 UNF Female Thread, 12 VDC

View range



Technical Data

Connections: 10-32 UNF Female Thread
Mounting Style: Threaded
Wetted Materials: PTFE, PEEK
Flow Rate (LPM): 60 L/Min (Air @ 30 psi) / 115 L/Min (Air @ 100 psi)
Max Inlet Pressure: 2 bar (30 psi)
Media/Ambient Temperature: -29 to 70°C (-20 to 158°F)
Recommended Filtration: To suit application and media used
RoHS/REACH Compliant: Yes
Other Technical Data: This PEEK body miniature valve features a one piece PTFE valve stem that serves as both a sealing membrane and poppet support, simplifying the design to just two or three components for 2-Way and 3-Way configurations. It is engineered for isolating gases or liquids in applications such as drug dispensing, laboratory instruments, chemical, analytical processes, life sciences, chromatography, spectrometry, blood analysis, water treatment and ultra-low leakage systems



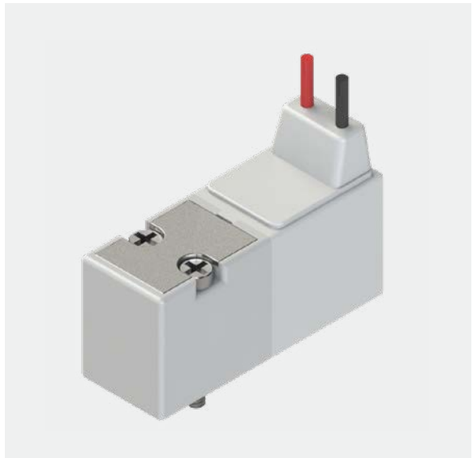
More from this range

PART NUMBER	ORIFICE	VOLTAGE	OPEN/CLOSED	MATERIAL
E-V-250028	0.040"	24 VDC	Open	PEEK
E-V-250100	0.040"	12 VDC	Open	PEEK
E-V-250101	0.040"	24 VDC	Open	PEEK
E-V-250029	0.040"	12 VDC	Closed	PEEK
E-V-200006	0.040"	24 VDC	Closed	PEEK
E-V-250030	0.040"	12 VDC	Closed	PEEK
E-V-250031	0.040"	24 VDC	Closed	PEEK

E-V-230008

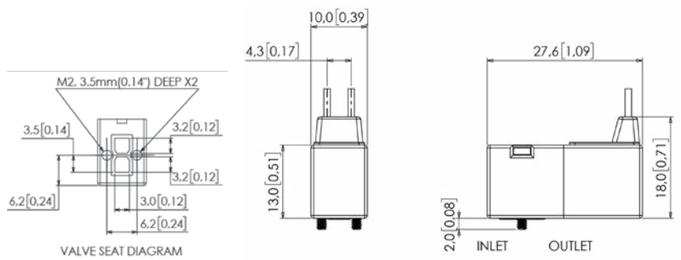
Glass Filled Nylon 2-Way Solenoid Valve, Normally Closed, EPDM Seal, Elbow Moulded with 300mm Wire Leads, 15L/Min, 12 VDC - 10mm Series

View range



Technical Data

Connection 1: Via Manifold Inlet (normally closed piping)
Connection 2: Via Manifold Outlet
Mounting Style: Threaded
Wetted Materials: Glass Filled Nylon, EPDM
Flow Rate (LPM): 15 LPM - @ 2.5 Bar (36 PSI)
Max Inlet Pressure: 2.5 bar (36 psi)
Media/Ambient Temperature: -29 to 70°C (-20 to 158°F)
Wattage: 1.3W
Recommended Filtration: To suit application and media used
RoHS/REACH Compliant: Yes
Other Technical Data: This 10mm solenoid valve offers precision, reliability and compact efficiency. Its robust design, fast response and diaphragm-isolated flow path ensure a robust performance in tight spaces. Perfect for printing, medical diagnostics, dental equipment, fermentation, water treatment and dispensing applications



More from this range

PART NUMBER	FLOW RATE	MATERIAL
E-V-230010	30L/Min	PTFE
E-V-230012	18L/Min	PTFE
E-V-230014	22L/Min	PTFE

Contact us for more options

E-V-250040

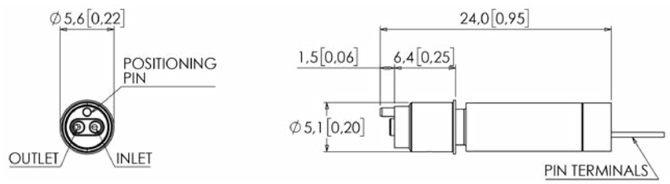
Stainless Steel 5mm 2-Way Media Isolation Cartridge Valve, Normally Closed, FFKM Seal, 0.2mm Orifice Effective Size, Pin Terminals, 12VDC

View range

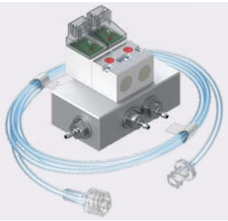


Technical Data

Connections: See technical drawings
Mounting Style: Manifold Mount
Wetted Materials: PEEK, Sapphire, FFKM
Non-Wetted Materials: Stainless Steel
Max Inlet Pressure: 0.1 to 0.3 bar
Outlet Pressure Range: (Bar): 0.2 bar
Flow Rate: 0.7 LPM - with air at maximum pressure
Media/Ambient Temperature: 5 to 50°C (41 to 122 °F)
Recommended Filtration: ≤ 10 micron
RoHS/REACH Compliant: Yes
Other Technical Data: This miniature valve features advanced media separation using an elastomer diaphragm, which isolates the fluid from internal moving parts like the armature and spring. This design minimises internal volume and prevents contamination or unwanted reactions. With only the diaphragm and plastic body exposed to the fluid, it's perfect for biotech, medical diagnostics, chemical analysis and cell cultivation especially where metal contact must be avoided. The protection rate of the valve is IP60.



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E-V-190019

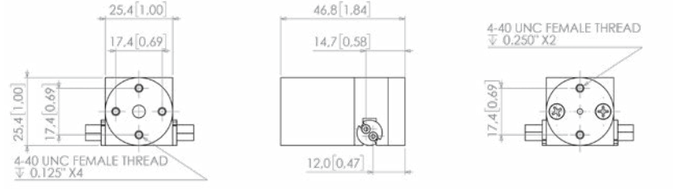
Stainless Steel 3-Way Pinch Valve, Normally Open/Closed, 1/16" ID x 1/8" OD Sanitary Food Grade Tube, 12 VDC

View range



Technical Data

Mounting Style: In-line
Wetted Materials: Silicone Tubing
Non- Wetted Materials: 430 Stainless Steel, 302 Stainless Steel, 303 Stainless Steel, Acetal, Aluminium
Max Inlet Pressure: 1 bar (14 psi)
Media/Ambient Temperature: -29 to 70°C (-20 to 158°F)
Regulatory Information: Tubing - Meets USP Class VI Criteria, Meets 3-A Standards, NSF 51 Standards, FDA 21 CFR Part 177.2600 Criteria, Complies with ISO 10993 guidelines for contact with blood (or other body fluids to tissue) for up to 30 days as listed in the FDA GP-84
RoHS/REACH Compliant: Yes
Other Technical Data: This solenoid operated pinch valve controls liquid and gas flow by opening and closing tubes, with no areas for fluid entrapment. Pre-installed tubing is compatible with medical and laboratory applications. The tubing is free from organic plasticisers, phthalates and latex additives. It contains no peroxide cured chlorophenyl or PCB by-products. Replacement tubing is available for re-order.



More from this range

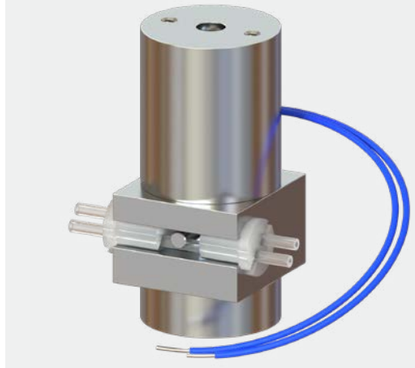
PART NUMBER	TUBING	OPEN/CLOSED	VOLTAGE	MATERIAL
E-V-190017	1/16" ID x 1/8 OD	2-Way - Closed	12 VDC	Stainless Steel
E-V-190018	1/16" ID x 1/8 OD	2-Way - Open	12 VDC	Stainless Steel
E-V-190020	1/8" ID x 1/4" OD	2-Way - Closed	12 VDC	Stainless Steel
E-V-190021	1/8" ID x 1/4" OD	2-Way - Closed	12 VDC	Stainless Steel
E-V-190022	1/8" ID x 1/4" OD	2-Way - Open	12 VDC	Stainless Steel
E-V-190023	3/16" ID x 5/16" OD	2-Way -Open	12 VDC	Stainless Steel
E-V-190024	3/16" ID x 5/16" OD	2-Way - Closed	12 VDC	Stainless Steel

Contact us for more options

E-V-190007

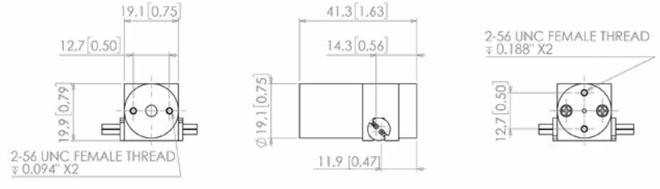
Stainless Steel 3-Way Pinch Valve, Normally Open/Closed, 0.030" ID x 0.065" OD Medical/Laboratory Grade Tube, 12 VDC

View range



Technical Data

Mounting Style: In-line
Wetted Materials: Silicone Tubing
Non-Wetted Materials: 430 Stainless Steel, 302 Stainless Steel, 303 Stainless Steel, Acetal, Aluminium
Max Inlet Pressure: 2 bar (30 psi) - Tubing
Media/Ambient Temperature: -29 to 70°C (-20 to 158°F)
Recommended Filtration: To suit application and media used
Regulatory Information: Tubing - Exceeds USP Class VI plastics tests, Meets ISO 10993 guidelines for body contact applications, Manufactured to principles of FDA 21 CFR 210/211 cGMPs for pharmaceutical products, Product in an FDA-registered (CFN-1816403) and inspected healthcare facility
RoHS/REACH Compliant: Yes
Other Technical Data: This solenoid operated pinch valve controls liquid and gas flow by opening and closing tubes, with no areas for fluid entrapment. Pre-installed tubing is compatible with medical and laboratory applications. The tubing is free from organic plasticisers, phthalates, and latex additives. It contains no peroxide cured chlorophenyl or PCB by-products



More from this range

PART NUMBER	TUBING	OPEN/CLOSED	VOLTAGE	MATERIAL
E-V-180425	0.030" ID x 0.065" OD	2-Way - Closed	12 VDC	Stainless Steel
E-V-180427	0.030" ID x 0.065" OD	2-Way - Open	12 VDC	Stainless Steel
E-V-190008	1/16" ID x 1/8" OD	2-Way - Closed	12 VDC	Stainless Steel
E-V-250032	1/16" ID x 1/8" OD	2-Way - Closed	24VDC	Stainless Steel
E-V-190009	1/16" ID x 1/8" OD	2-Way - Open	12 VDC	Stainless Steel
E-V-250033	1/16" ID x 1/8" OD	2-Way -Open	24 VDC	Stainless Steel
E-V-190010	1/16" ID x 1/8" OD	3-Way - Open/Closed	12 VDC	Stainless Steel
E-V-190011	1/8" ID x 1/4" OD	2-Way - Closed	12 VDC	Stainless Steel
E-V-180431	1/8" ID x 1/4" OD	2-Way-Closed	24 VDC	Stainless Steel
E-V-190012	1/8" ID x 1/4" OD	2-Way-Open	12 VDC	Stainless Steel
E-V-250034	1/8" ID x 1/4" OD	2-Way-Open	24 VDC	Stainless Steel
E-V-190013	1/8" ID x 1/4" OD	3-Way - Open/Closed	12 VDC	Stainless Steel
E-V-190014	3/16" ID x 5/16" OD	2-Way - Closed	12 VDC	Stainless Steel
E-V-190015	3/16" ID x 5/16" OD	2-Way - Open	12 VDC	Stainless Steel
E-V-190016	3/16" ID x 5/16" OD	3-Way - Open/Closed	12 VDC	Stainless Steel

E-V-220024

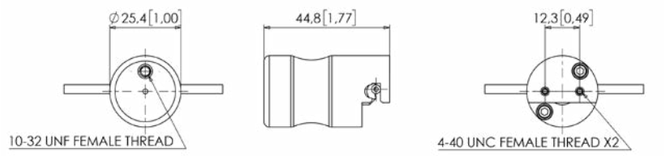
2-Way Pneumatic Pinch Valve, Normally Closed, 1/16" (1.6mm) ID x 1/8" (3.2mm) OD Medical/Laboratory Grade Tube

View range



Technical Data

Connection: 10-32 UNF Female Thread
Mounting Style: In-line
Wetted Materials: Silicone Tubing
Non- Wetted Materials: 430 Stainless Steel, 302 Stainless Steel, 303 Stainless Steel, Acetal
Max Inlet Pressure: 2.07 bar (30 psi)
Media/Ambient Temperature: 0 to 110°C (32 to 230°F)
Regulatory Information: Tubing - Exceeds USP Class VI plastics tests, Meets ISO 10993 guidelines for body contact applications, Manufactured to principles of FDA 21 CFR 210/211 cGMPs for pharmaceutical products, Product in an FDA-registered (CFN-1816403) and inspected healthcare facility, California Proposition 65
RoHS/REACH Compliant: Yes
Other Technical Data: The pinch valve has pre-installed 1/16" (1.6mm) ID x 1/8" (3.2mm) OD and 12" (305mm) length medical/laboratory grade 50 Shore A durometer Silicone tube. Maximum 250 psi for pilot actuation. Minimum 30 psi to close the valve. This pinch valve is designed to open and close tubes for controlling flow of liquids and gas and there is no dead volume. Tubing is suitable for air, water, gas and compatible fluids.



More from this range

PART NUMBER	TUBING	OPEN/CLOSED	MATERIAL
E-V-220024	1/16" ID x 1/8 OD	2-Way - Closed	Stainless Steel
E-V-220019	1/8" ID x 1/4" OD	2-Way - Open	Stainless Steel
E-V-220026	1/8" ID x 1/4" OD	2-Way - Closed	Stainless Steel
E-V-220018	1/16" ID x 3/16" OD	2-Way - Open	Stainless Steel
E-V-220025	1/16" ID x 3/16" OD	2-Way - Closed	Stainless Steel
E-V-220020	3/16" ID x 5/16" OD	2-Way -Open	Stainless Steel
E-V-220027	3/16" ID x 5/16" OD	2-Way - Closed	Stainless Steel
E-V-220021	1/4" ID x 3/8" OD	2-Way -Open	Stainless Steel
E-V-220028	1/4" ID x 3/8" OD	2-Way - Closed	Stainless Steel

E-V-220022

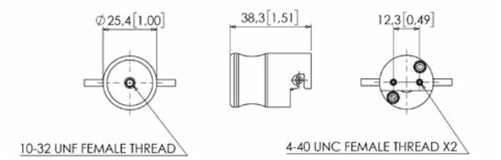
2-Way Pneumatic Pinch Valve, Normally Open, 1/16" (1.6mm) ID x 1/8" (3.2mm) OD Polyurethane Tube

View range



Technical Data

Connection: 10-32 UNF Female Thread
Mounting Style: In-line
Wetted Materials: Polyurethane Tubing
Non-Wetted Materials: 430 Stainless Steel, 302 Stainless Steel, 303 Stainless Steel, Acetal
Max Inlet Pressure: 7.23 bar (105 psi) - Tubing Maximum Pressure
Media/Ambient Temperature: 0 to 110°C (32 to 230°F)
Recommended Filtration: To suit application and media used
Regulatory Information: Tubing - Exceeds USP Class VI plastics tests, Meets ISO 10993 guidelines for body contact applications, Manufactured to principles of FDA 21 CFR 210/211 cGMPs for pharmaceutical products, Product in an FDA-registered (CFN-1816403) and inspected healthcare facility, California Proposition 65
RoHS/REACH Compliant: Yes
Other Technical Data: This pinch valve has pre-installed 1/16" (1.6mm) ID x 1/8" (3.2mm) OD and 12" (305mm) length 85 Shore A durometer Polyurethane tube. Maximum 250 psi for pilot actuation. Minimum 50 psi to close the valve. Designed to open and close tubes for controlling flow of liquids and gas and there is no dead volume.



More from this range

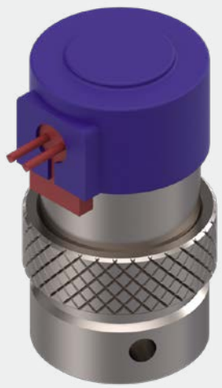
PART NUMBER	TUBING	OPEN/CLOSED	MATERIAL
E-V-220029	1/16" ID x 1/8" OD	2-Way - Closed	Stainless Steel
E-V-220023	1/8" ID x 1/4" OD	2-Way - Open	Stainless Steel
E-V-220030	1/8" ID x 1/4" OD	2-Way - Closed	Stainless Steel

Contact us for more options

E-V-250078

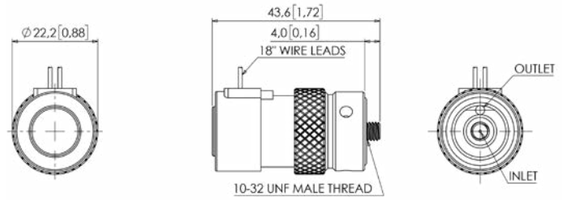
Manifold Mount 2-Way Proportional Valve, Normally Closed, Buna-N (Nitrile) Seal, 18" Wire Leads, 10-32 UNF Male Thread, 0.025" Orifice, 5 to 100 psi, 10 VDC - ESV Series

View range



Technical Data

Connection 1: Via Manifold Inlet to 10-32 UNF Male Thread
Connection 1: Via Manifold Outlet
Mounting Style: Manifold Mount
Wetted Materials: Electroless Nickel Plated Brass, Buna-N (Nitrile), Electroless Nickel Plated Steel, Stainless Steel
Non- Wetted Materials: Electroless Nickel Plated Brass, Copper, Nylon
Max Inlet Pressure: 0.3 to 6.9 bar (30 psi)
Flow Rate (LPM): 23.5LPM - ± 10% at 6.9 bar (100 psi)
Media/Ambient Temperature: 0 to 48°C (32 to 120°F)
Recommended Filtration: 40 Micron
RoHS/REACH Compliant: Yes
Other Technical Data: The only moving part is the armature spring, which travels just 0.007", ensuring over one billion cycles. This valve can be controlled using direct current (DC) or pulse width modulation (PWM). Ideal for analytical instruments, blood pressure monitoring, precise pressure control, gas control, patient simulators, respirators/ventilators, automotive gas chromatography, mass flow control and more.



More from this range

PART NUMBER	MOUNTING	OPEN/CLOSED	SIZE	MATERIAL
E-V-250079	Manifold Mount	2-Way - Closed	0.040"	Nickel Plated Brass
E-V-250080	Manifold Mount	2-Way - Closed	0.060"	Nickel Plated Brass
E-V-250075	In-line	2-Way - Closed	0.025"	Nickel Plated Brass
E-V-250076	In-line	2-Way - Closed	0.040"	Nickel Plated Brass
E-V-250077	In-line	2-Way - Closed	0.060"	Nickel Plated Brass

E-V-250089

Manifold Mount 2-Way Proportional High Flow Valve, Normally Closed, Viton (FKM) Seal, 18" Wire Leads, 10-32 UNF Male Thread, 45.5 LPM, 6.9 Bar, 10 VDC - EHV Series

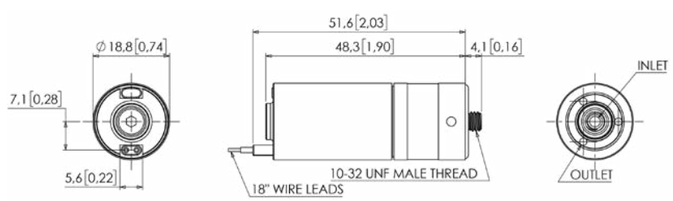
View range



Technical Data

Connection 1: Via Manifold Inlet to 10-32 UNF Male Thread
Connection 2: Via Manifold Outlet
Mounting Style: Manifold Mount
Wetted Materials: 304 Stainless Steel, PPS, Viton (FKM)
Non-Wetted Materials: Stainless Steel
Flow Rate (LPM): 45.5 LPM (Air Flow)
Max Inlet Pressure: 0.3 to 6.9 bar (5 to 100 psi)
Media/Ambient Temperature: 0 to 48°C (32 to 120°F)
Recommended Filtration: 40 Micron
RoHS/REACH Compliant: Yes
Other Technical Data: This miniature proportional solenoid valve is precision-built and compact, designed for high-performance air and gas flow control. With solid construction, long operational life and exceptionally high flow rates, it delivers consistent gain and precise regulation based on input current. Whether it is through direct current (DC), open or closed-loop control, or pulse width modulation (PWM). Its versatility design allows it to perform reliably in a broad spectrum of applications.

Also available:
E-V-250090 - 20 VDC / 30 LPM



Also available:



E-V-250038

Stainless Steel 8mm 2-Way Proportional Cartridge Valve

Normally Closed, FFKM Seal, 0.3mm Orifice Effective Size, 80mm Wire Leads, 12 VDC



E-V-250037

Stainless Steel 8mm 2-Way Proportional Cartridge Valve with Integrated Pressure Sensor

Normally Closed, Viton (FKM) Seal, 0.3mm Orifice Effective Size, 27mm Flat Cable, 32 VDC

E-V-250073

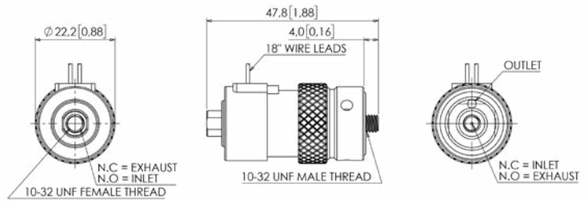
Manifold Mount 3-Way Fully Ported Solenoid Valve, Normally Open/Closed, Viton (FKM) Seal, 18" Wire Leads, 10-32 UNF Male Thread, 12 VDC, Oxygen Clean - ESV Series

View range



Technical Data

Connection 1: Via Manifold Inlet to 10-32 UNF Male Thread
Connection 1: Via Manifold Outlet
Mounting Style: Manifold Mount
Wetted Materials: Electroless Nickel Plated Brass, Buna-N (Nitrile), Electroless Nickel Plated Steel, Stainless Steel
Non- Wetted Materials: Electroless Nickel Plated Brass, Copper, Nylon
Max Inlet Pressure: 0.3 to 6.9 bar (30 psi)
Flow Rate (LPM): 23.5LPM - ± 10% at 6.9 bar (100 psi)
Media/Ambient Temperature: 0 to 48°C (32 to 120°F)
Recommended Filtration: 40 Micron
RoHS/REACH Compliant: Yes
Other Technical Data: These miniature valves feature an armature spring, which travels just 0.007", ensuring over one billion cycles. This valve can be controlled using direct current (DC) or pulse width modulation (PWM) Ideal for analytical instruments, blood pressure monitoring, precise pressure control, gas control, patient simulators, respirators/ventilators, automotive gas chromatography, mass flow control and more.



More from this range

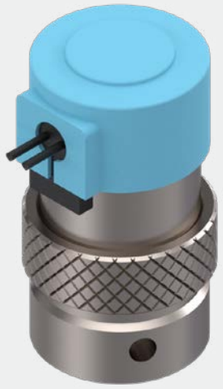
PART NUMBER	MOUNTING	VOLTAGE	TERMINALS	MATERIAL
E-V-180198	M5 Male Thread	12 VDC	Spade Terminals	Nickel Plated Brass
E-V-180200	M5 Male Thread	24 VDC	Spade Terminals	Nickel Plated Brass
E-V-180199	M5 Male Thread	12 VDC	18" Wire Leads	Nickel Plated Brass
E-V-180201	M5 Male Thread	24 VDC	18" Wire Leads	Nickel Plated Brass
E-V-250074	10-32 UNF Male Thread	24 VDC	18" Wire Leads	Nickel Plated Brass

More oxygen clean valves available online

E-V-250057

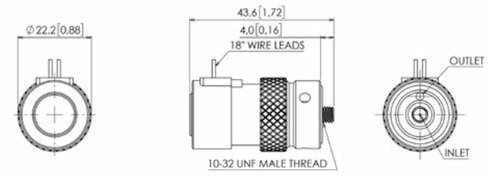
Manifold Mount 2-Way Solenoid Valve, Normally Closed, Viton (FKM) Seal, 18" Wire Leads, 10-32 UNF Male Thread, 12 VDC, Analytical Clean - ESV Series

View range



Technical Data

Connection 1: Via Manifold Inlet to 10-32 UNF Male Thread (normally closed piping)
Connection 2: Via Manifold Outlet
Mounting Style: Manifold Mount
Wetted Materials: Electroless Nickel Plated Brass, Viton (FKM), Electroless Nickel Plated Steel, Stainless Steel
Non-Wetted Materials: Electroless Nickel Plated Brass, Copper, Nylon
Flow Rate (LPM): 17 LPM - @ 6.9 bar (100 psi)
Max Inlet Pressure: 7.2 bar (105 psi)
Media/Ambient Temperature: 0 to 82°C (32 to 180°F)
Recommended Filtration: 40 Micron
Regulatory Information: Meet or exceed ASTM G93 Level E non-volatile residue (NVR) standards and Level 500 particulate and fibre requirements
RoHS/REACH Compliant: Yes
Other Technical Data: These miniature valves feature an armature spring that moves just 0.007", ensuring over one billion cycles. Lubed with isopropyl alcohol for assembly, it is inspected, nitrogen tested in an ISO Class 7 cleanroom.



More from this range

PART NUMBER	MOUNTING	VOLTAGE	OPEN/CLOSED	TERMINALS	MATERIAL
E-V-250058	10-32 UNF Male Thread	24 VDC	2-Way - Closed	18" Wire Leads	Nickel Plated Brass
E-V-250059	10-32 UNF Male Thread	12 VDC	3-Way - Closed	18" Wire Leads	Nickel Plated Brass
E-V-250060	10-32 UNF Male Thread	24 VDC	3-Way - Closed	18" Wire Leads	Nickel Plated Brass
E-V-180168	M5 Male Thread	12 VDC	3-Way - Open/Closed	Spade Terminals	Nickel Plated Brass
E-V-180170	M5 Male Thread	24 VDC	3-Way - Open/Closed	Spade Terminals	Nickel Plated Brass
E-V-180169	M5 Male Thread	12 VDC	3-Way - Open/Closed	18" Wire Leads	Nickel Plated Brass
E-V-180171	M5 Male Thread	24 VDC	3-Way - Open/Closed	18" Wire Leads	Nickel Plated Brass
E-V-250061	10-32 UNF Male Thread	12 VDC	3-Way - Open/Closed	18" Wire Leads	Nickel Plated Brass
E-V-250062	10-32 UNF Male Thread	24 VDC	3-Way - Open/Closed	18" Wire Leads	Nickel Plated Brass

E-V-250047

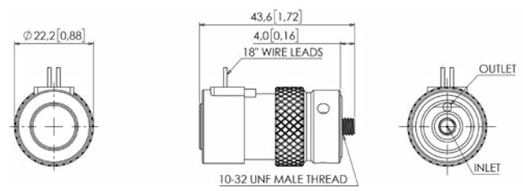
Manifold Mount 2-Way Solenoid Valve, Normally Closed, Buna-N (Nitrile) Seal, 18" Wire Leads, 10-32 UNF Male Thread, 12 VDC - ESV Series

View range



Technical Data

Connection 1: Via Manifold Inlet to 10-32 UNF Male Thread (normally closed piping)
Connection 1: Via Manifold Outlet
Mounting Style: Manifold Mount
Wetted Materials: Electroless Nickel Plated Brass, Buna-N (Nitrile), Electroless Nickel Plated Steel, Stainless Steel
Non- Wetted Materials: Electroless Nickel Plated Brass, Copper, Nylon
Max Inlet Pressure: 72 bar (105 psi)
Flow Rate (LPM): 17 LPM - @ 6.9 bar (100 psi)
Media/Ambient Temperature: 0 to 82°C (32 to 180°F)
Recommended Filtration: 40 Micron
RoHS/REACH Compliant: Yes
Other Technical Data: The only moving part is the armature spring, which travels just 0.007", ensuring over one billion cycles. Ideal for biomedical, environmental test equipment, textile machines, packaging machinery, computerised industrial automation and portable system. The adjusting ring can be loosened for assembly orientation but must not be removed, doing this may misalign internal parts and void the warranty.

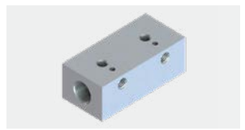


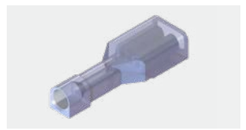
More from this range

PART NUMBER	MOUNTING	VOLTAGE	OPEN/CLOSED	MATERIAL
E-V-250048	Manifold Mount	24 VDC	2-Way - Closed	Nickel Plated Brass
E-V-250051	Manifold Mount	12 VDC	3-Way - Closed	Nickel Plated Brass
E-V-250052	Manifold Mount	24 VDC	3-Way - Closed	Nickel Plated Brass
E-V-250055	Manifold Mount	12 VDC	3-Way - Open/Closed	Nickel Plated Brass
E-V-250056	Manifold Mount	24 VDC	3-Way - Open/Closed	Nickel Plated Brass
E-V-250045	In-line	12 VDC	2-Way - Closed	Nickel Plated Brass
E-V-250046	In-line	24 VDC	2-Way - Closed	Nickel Plated Brass
E-V-250049	In-line	12 VDC	3-Way - Closed	Nickel Plated Brass
E-V-250050	In-line	24 VDC	3-Way - Closed	Nickel Plated Brass
E-V-250053	In-line	12 VDC	3-Way - Open/Closed	Nickel Plated Brass
E-V-250054	In-line	24 VDC	3-Way - Open/Closed	Nickel Plated Brass

Find more electronic valves online

Our range includes manifold stations, plugs and crimpers

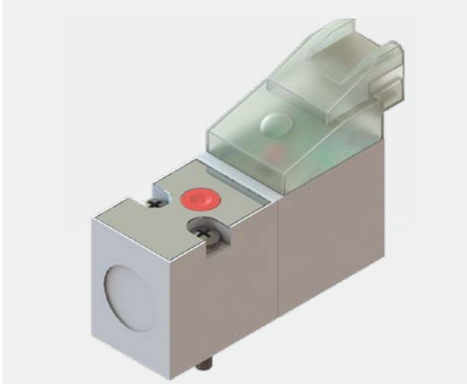





E-V-180068

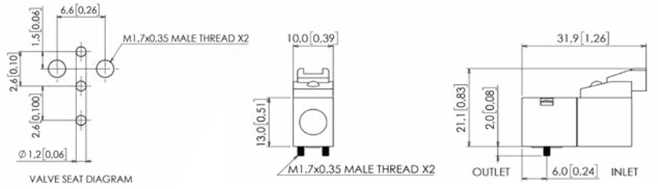
Glass Filled Nylon 2-Way Solenoid Valve, Normally Closed, Viton (FKM)/Buna-N (Nitrile) Seal, In-Line Connector with LED, 24 VDC - 10mm Series

View range



Technical Data

Connection 1: Via Manifold Inlet (normally closed piping)
Connection 2: Via Manifold Outlet
Mounting Style: Manifold Mount
Wetted Materials: Glass Filled Nylon, Buna-N (Nitrile), Viton (FKM), Stainless Steel
Non-Wetted Materials: Glass Filled Nylon, Copper
Flow Rate (LPM): 30 LPM - @ 6.9 bar (100 psi)
Max Inlet Pressure: 7 bar (100 psi)
Media/Ambient Temperature: -10 to 50°C (14 to 122°F)
RoHS/REACH Compliant: Yes
Other Technical Data: *Clean dry air must be used when the temperature is below 0°C (32°F). Viton (FKM) dynamic seals, Buna-N (Nitrile) gasket and static seals. Coil can be detached and rotated 180 degrees for ease of assembly to suit your application. 12 VDC versions available upon request, special versions with Viton (FKM) seals throughout are also available subject to minimum order quantities.



More from this range

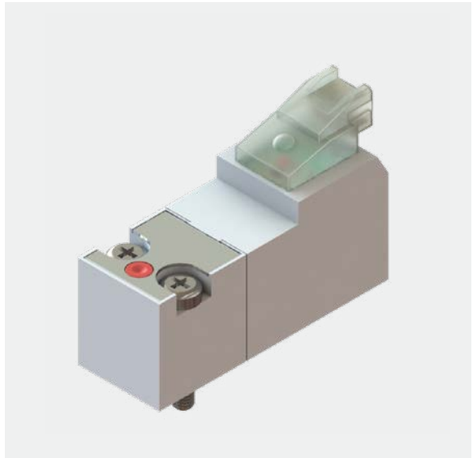
PART NUMBER	MOUNTING	OPEN/CLOSED	MATERIAL
E-V-180069	Elbow	2-Way - Closed	Glass Filled Nylon
E-V-180070	Elbow Moulded/300mm Wire Leads	2-Way - Closed	Glass Filled Nylon
E-V-180071	In-line	3-Way - Closed	Glass Filled Nylon
E-V-180072	Elbow	3-Way - Closed	Glass Filled Nylon
E-V-180073	Elbow Moulded/300mm Wire Leads	3-Way - Closed	Glass Filled Nylon
E-V-180074	In-line	3-Way - Open	Glass Filled Nylon
E-V-180075	Elbow	3-Way - Open	Glass Filled Nylon
E-V-180076	Elbow Moulded/300mm Wire Leads	3-Way - Open	Glass Filled Nylon

Find more from this range available online

E-V-180100

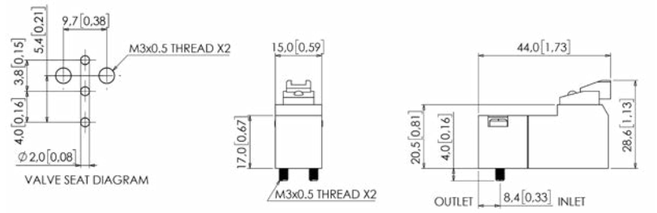
Glass Filled Nylon 2-Way Solenoid Valve, Normally Closed, Viton (FKM)/Buna-N (Nitrile) Seal, In-Line Connector with LED, 24 VDC - 15mm Series

View range



Technical Data

Connection 1: Via Manifold Inlet (normally closed piping)
Connection 1: Via Manifold Outlet
Mounting Style: Manifold Mount
Wetted Materials: Glass Filled Nylon, Buna-N (Nitrile), Viton (FKM), Stainless Steel
Non- Wetted Materials: Glass Filled Nylon, Copper
Max Inlet Pressure: 10 bar (145 psi)
Flow Rate (LPM): 84 LPM - @ 10 bar (145 psi)
Media/Ambient Temperature: -5 to 50°C (23 to 122 °F*)
RoHS/REACH Compliant: Yes
Other Technical Data: *Clean dry air must be used when the temperature is below 0°C (32°F). Viton (FKM) dynamic seals, Buna-N (Nitrile) gasket and static seals. Coil can be detached and rotated 180 degrees for ease of assembly to suit your application. 12 VDC versions available upon request, special versions with Viton (FKM) seals throughout are also available subject to minimum order quantities.



More from this range

PART NUMBER	MOUNTING	VOLTAGE	OPEN/CLOSED	MATERIAL
E-V-180101	Elbow Connector with LED	24 VDC	2-Way - Closed	Glass Filled Nylon
E-V-180102	Elbow Moulded/300mm Wire Leads	24 VDC	3-Way - Closed	Glass Filled Nylon
E-V-180103	In-line Connector with LED	24 VDC	3-Way - Closed	Glass Filled Nylon
E-V-180104	Elbow Connector with LED	24 VDC	3-Way - Closed	Glass Filled Nylon
E-V-180105	Elbow Moulded/300mm Wire Leads	24 VDC	3-Way - Closed	Glass Filled Nylon
E-V-180106	In-line Connector with LED	24 VDC	3-Way - Open	Glass Filled Nylon
E-V-180107	Elbow Connector with LED	24 VDC	3-Way - Open	Glass Filled Nylon
E-V-180108	Elbow Moulded/300mm Wire Leads	24 VDC	3-Way - Open	Glass Filled Nylon
E-V-180079	Elbow Moulded/300mm Wire Leads	24 VDC	2-Way - Closed	Glass Filled Nylon
E-V-180080	Elbow Moulded/300mm Wire Leads	24 VDC	3-Way - Closed	Glass Filled Nylon
E-V-180077	Elbow Connector with LED	24 VDC	3-Way - Open/Closed	Glass Filled Nylon
E-V-180078	In-line Connector with LED	24 VDC	2-Way - Closed	Glass Filled Nylon

E-V-180039

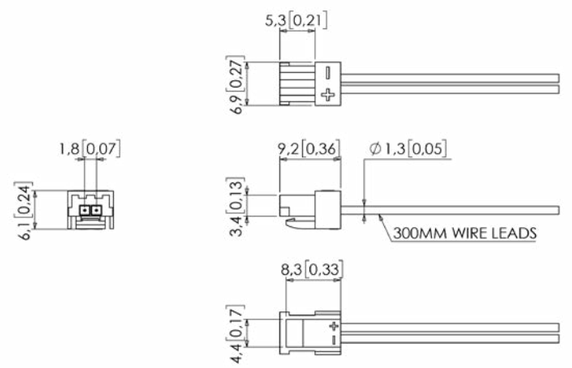
300mm Wire Leads Plug-In Connector for 10mm and 15mm Series Solenoid Valves

View range



Technical Data

Mounting Style: In-line
Wetted Materials: Glass Filled Nylon, Buna-N (Nitrile), Viton (FKM), Stainless Steel
Non-Wetted Materials: Polycarbonate, Thermoplastic, Copper
Media/Ambient Temperature: -10 to 50°C (14 to 122°F)
RoHS/REACH Compliant: Yes
Other Technical Data: Plastic plug-in connector with 300mm wire leads designed for use with our 10mm or 15mm series solenoid valves that with in-line and 90 degree connector.



More from this range

PART NUMBER	LENGTH	MATERIAL
E-V-180040	500mm	Polycarbonate, Thermoplastic, Copper
E-V-180041	1000mm	Polycarbonate, Thermoplastic, Copper

E-V-220034

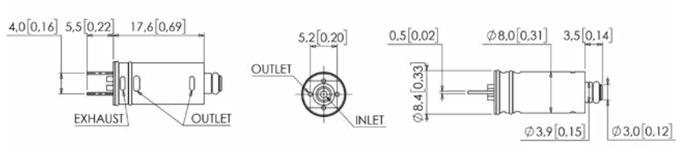
Manifold Mount 3/2 Solenoid Valve, Normally Closed, Viton (FKM) Seal, 0.5mm Orifice Effective Size, Pin Terminals, 12 VDC - CMV Series

View range



Technical Data

Connections: (See technical drawing)
Mounting Style: Manifold Mount
Wetted Materials: Brass, Viton (FKM), Stainless Steel
Non- Wetted Materials: Enamelled copper
Max Inlet Pressure: 7 bar (101 psi)
Flow Rate (LPM): 0.08 LPM
Media/Ambient Temperature: 0 to 50 °C (32 to 122 °F*)
RoHS/REACH Compliant: Yes
Other Technical Data: The solenoid valve offers high performance in a compact, lightweight design, ideal for controlling small devices and actuators in space limited or portable applications. Its manifold mounting allows easy integration, while low power consumption and long service life ensure efficient, reliable operation across demanding environments. Compatible with filtered compressed air, unlubricated, according to ISO 8573-1 class 3.4.3, inert gas. Oxygen compatible valves available on request.



More from this range

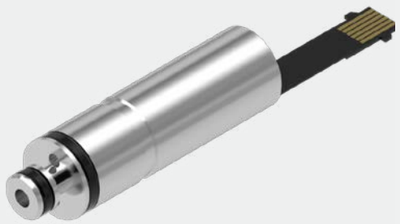
PART NUMBER	VOLTAGE	ORIFICE	OPEN/CLOSED	MATERIAL
E-V-220031	3 VDC	0.5mm	3/2 - Closed	Brass
E-V-220032	5 VDC	0.5mm	3/2 - Closed	Brass
E-V-220033	6 VDC	0.5mm	3/2 - Closed	Brass
E-V-220035	24 VDC	0.5mm	3/2 - Closed	Brass
E-V-220036	3 VDC	0.7mm	3/2 - Closed	Brass
E-V-220037	5 VDC	0.7mm	3/2 - Closed	Brass
E-V-220038	6 VDC	0.7mm	3/2 - Closed	Brass
E-V-220039	12 VDC	0.7mm	3/2 - Closed	Brass
E-V-220040	24 VDC	0.7mm	3/2 - Closed	Brass
E-V-220044	12 VDC	0.5mm	3/2 - Open	Brass
E-V-220049	12 VDC	0.7mm	3/2 - Open	Brass
E-V-220054	12 VDC	0.5mm	2/2 - Closed	Brass
E-V-220059	12 VDC	0.7mm	2/2 - Closed	Brass

More orifice sizes and voltages available online

E-V-250036

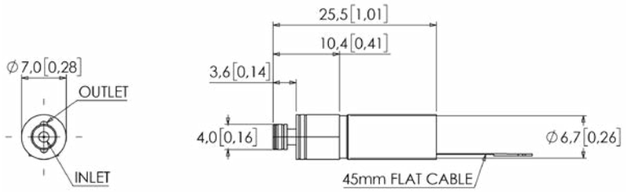
Stainless Steel 7mm 2-Way Cartridge Valve with Integrated Pressure Sensor, Normally Closed, Viton (FKM) Seal, 0.3mm Orifice Effective Size, 45mm Flat Cable, 12VDC

View range



Technical Data

Connections: (See technical drawing)
Mounting Style: Manifold Mount
Wetted Materials: Stainless Steel, Viton (FKM), Fluoroprene, Sensor Materials
Non-Wetted Materials: Stainless Steel
Flow Rate (LPM): > 5 LPM - with air at maximum pressure
Max Inlet Pressure: 7 bar (100 psi)
Media/Ambient Temperature: 5 to 50°C (41 to 122°F)
Recommended Filtration: ≤ 10 micron
RoHS/REACH Compliant: Yes
Other Technical Data: This miniature solenoid valve engineered for high-speed, high-precision control in compact systems. Its unique flat-disc actuator design enables near-frictionless movement, delivering switching speeds in the millisecond range and a service life of up to 4 billion cycles. Included is an integrated pressure sensor, enabling real-time feedback and precise pressure regulation. The protection rate of the valve is IP50. Compatible with air, inert gases and others upon request (including liquids).



More from this range

PART NUMBER	MOUNTING	VOLTAGE	SIZE	MATERIAL
E-V-250035	80mm Wire Leads	12 VDC	7mm/0.5mm orifice	Stainless Steel
E-V-250041	80mm Wire Leads	12 VDC	7mm/0.5mm orifice	Stainless Steel
E-V-250042	Pin Terminals	12 VDC	8mm/0.5mm orifice	Stainless Steel
E-V-250037	27mm Flat Cable	32 VDC	8mm/0.3mm orifice	Stainless Steel
E-V-250038	80mm Wire Leads	12 VDC	8mm/0.3mm orifice	Stainless Steel

Also available:



E-V-250039

Stainless Steel 7mm 2-Way Valve, Normally Closed, Viton (FKM) Seal, 3/32" (2.4mm) ID Tube, 0.5mm Orifice Effective Size, 80mm Wire Leads, 12 VDC

E-V-250083

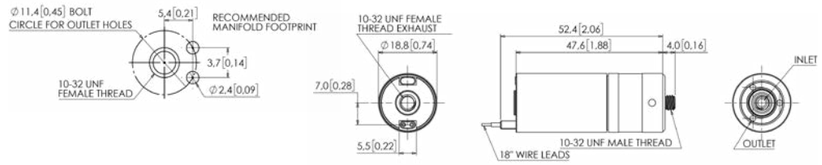
Manifold Mount 3-Way Solenoid High Flow Valve, Normally Closed, Buna-N (Nitrile) Seal, 18" Wire Leads, 10-32 UNF Male Thread, 12 VDC - EHV Series

View range



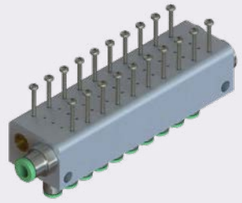
Technical Data

Connection 1: Via Manifold Inlet to 10-32 UNF Male Thread
Connection 2: Via Manifold Outlet
Mounting Style: Manifold Mount
Wetted Materials: Polyetherimide, Stainless Steel, PPS, Buna-N (Nitrile)
Non- Wetted Materials: Stainless Steel
Max Inlet Pressure: 6.9 bar (100 psi)
Flow Rate (LPM): 70 LPM - @ 6.9 bar (100 psi)
Media/Ambient Temperature: 0 to 55°C (32 to 130°F)
Recommended Filtration: 40 Micron
RoHS/REACH Compliant: Yes
Other Technical Data: This miniature solenoid valve is precision-built and compact. Designed for high-performance air and gas flow control, with solid construction, long operational life and exceptionally high flow rates. Its versatility design allows it to perform reliably in a broad spectrum of applications.



More from this range

PART NUMBER	MOUNTING	VOLTAGE	MATERIAL
E-V-250084	Manifold Mount	24 VDC/3-Way	Stainless Steel
E-V-250081	Manifold Mount	12 VDC/2-Way	Stainless Steel
E-V-250082	Manifold Mount	24 VDC/2-Way	Stainless Steel
E-V-250085	Cartridge Style	12 VDC/2-Way	Stainless Steel
E-V-250086	Cartridge Style	24 VDC/2-Way	Stainless Steel
E-V-250087	Cartridge Style	12 VDC/3-Way	Stainless Steel
E-V-250088	Cartridge Style	24 VDC/3-Way	Stainless Steel



Valve Accessories

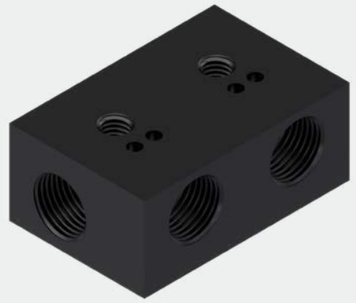
Find more accessories for our valve range on our website.

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E-V-250096

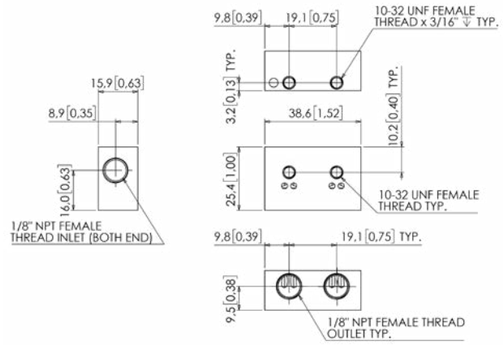
Black Anodised Aluminium 2 Station Manifold, 1/8" NPT Female Thread - EHV Series

View range



Technical Data

Connections: 1/8" NPT Female Thread
Mounting Style: Manifold Mount
Wetted Materials: Black Anodised Aluminium
Non-Wetted Materials: Black Anodised Aluminium
Max Inlet Pressure: 7.2 bar (105 psi)
Media/Ambient Temperature: 0 to 82°C (32 to 180°F) - Limited by associated valves
Recommended Filtration: 40 Micron
RoHS/REACH Compliant: Yes
Other Technical Data: Designed for use with our EHV series valves.



More from this range

PART NUMBER	STATIONS	MATERIAL
E-V-250097	4 Station	Black Anodised Aluminium
E-V-250098	6 Station	Black Anodised Aluminium



Manifold Stations

Discover more of our manifolds stations for our ESV and EHV series on our website.

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Resin and manifold material compatibility

PTFE, PEEK and PVDF resist the widest range of fluids; 316 stainless suits solvents and alkalis but not chlorides or bleach; keep PC, ABS and acrylic away from ketones and solvents. Typical, unstressed, 20 °C.

● A - Excellent ● B - good/limited ● C - fair, test first ● D - not recommended

Chemical	Polypropylene	Polycarbonate	PVDF	Nylon	Acetal	PEEK	ABS	PTFE	Acrylic	Polyetherimide	Stainless Steel 316	Brass	Aluminium
Water, deionised	A	A	A	B	A	A	A	A	A	A	A	B	B
Saline 0.9%	A	A	A	B	A	A	A	A	A	A	B	C	C
Blood, plasma	A	A	A	B	A	A	A	A	A	A	A	C	C
Isopropyl alcohol 70%	A	B	A	A	A	A	B	A	C	A	A	A	A
Ethanol 70–96%	A	B	A	A	A	A	B	A	C	A	A	A	A
Hydrogen peroxide 3%	A	A	A	C	C	A	A	A	A	A	A	C	B
Sodium hypochlorite 10%	A	B	A	D	D	A	B	A	B	B	D	D	D
Glutaraldehyde 2%	A	A	A	B	A	A	A	A	A	A	A	B	A
Formaldehyde 37%	A	B	A	B	A	A	B	A	B	A	A	B	A
Acetic acid 10%	A	B	A	C	C	A	B	A	B	A	A	C	B
Hydrochloric acid 10%	A	B	A	D	D	A	B	A	A	A	D	D	D
Sulphuric acid 10%	A	B	A	D	D	A	B	A	A	A	C	D	D
Sodium hydroxide 10%	A	D	B	B	B	A	A	A	A	C	A	B	D
Ammonia solution 10%	A	D	A	A	B	A	B	A	A	C	A	D	B
Acetone	B	D	D	A	A	A	D	A	D	C	A	A	A
DMSO	A	D	D	B	B	A	D	A	D	C	A	A	A
Toluene	C	D	A	A	A	A	D	A	D	B	A	A	A
Mineral oil, silicone oil	B	A	A	A	A	A	B	A	A	A	A	A	A

Heat, concentration and moulded-in or machining stress lower a rating; PC, ABS and acrylic can craze in alcohols. Metal ratings are for bare material; plating or anodising changes them. Mixtures and drugs: confirm by testing.

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Elastomer chemical compatibility and hardness

Ratings at 20 °C. Hardness 70 Shore A is the default; we would recommend going softer for low closing force in check valves.

A - Excellent B - good/limited C - fair, test first D - not recommended

Chemical	EPDM	FKM (Viton®)	FFKM	NBR (Buna)	Silicone
Water, saline	A	A	A	A	A
IPA, ethanol	A	A	A	A	A
Hydrogen peroxide 3%	A	A	A	B	B
Sodium hypochlorite 10%	A	A	A	C	B
Glutaraldehyde 2%	A	B	A	B	A
Acetone	A	D	A	D	C
Dilute acids (10%)	A	A	A	B	B
Sodium hydroxide 10%	A	C	A	B	B
Mineral oil	D	A	A	A	B
Silicone oil	A	A	A	A	D
Toluene	D	A	A	D	D

Hardness Selection

Shore A	Use
40-60	Low closing force: diaphragms, duckbills, low-pressure face seals
70	General static and dynamic seals; the default
80-90	Higher pressure, larger extrusion gaps, abrasive or dynamic duty

Elastomer properties

EPDM and silicone for water-based fluids and steam; FKM (Viton®) for oils and solvents; NBR (Buna) for oils and air; FFKM when nothing else survives. General properties per family.

A - Excellent B - good/limited C - fair, test first D - not recommended

Material	Temp (°C)	Shore A	Best for	Avoid	Steam	Gamma	EtO
EPDM (peroxide)	−50 to +150	50–90	Water, steam, saline, disinfectants	Mineral oils, fuels	A	A	A
FKM (Viton®)	−20 to +200	60-90	Oils, fuels, solvents, acids	Ketones, hot water, alkalis	B	B	A
FFKM	−15 to +300	70-90	Almost all chemicals, high heat	High cost	A	C	A
NBR (Buna)	−30 to +100	50-90	Mineral oils, fuels, water, air	Ketones, ozone, oxidisers, steam	C	B	A
Silicone (VMQ)	−60 to +200	30-80	Body contact, wide temp, low force	Silicone oils, fuels, abrasion	A	B	A

Applies to diaphragms, duckbills and other elastomer seals in West Group check valves.

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Material selector

Use our material selector table below to choose the material and seal on fluid and sterilisation first, then on temperature.

● **A** - Excellent ● **B** - good/limited ● **C** - fair, test first ● **D** - not recommended

Materials	Strong Against	Weak Against	Max °C	Steam	Gamma	EtO
Polypropylene	Acids, alkalis, alcohols, bleach	Aromatics (toluene)	100	A	C	A
Polycarbonate	Water, saline, dilute acids; clear	Ketones, alkalis, DMSO, solvents	120	C	B	A
PVDF	Acids, oxidisers, solvents	Ketones, DMSO	150	A	B	A
Nylon (PA)	Oils, solvents	Acids, bleach; absorbs water	90	B	B	A
Acetal (POM)	Oils, solvents, fuels	Acids, bleach	100	B	D	A
PEEK	Nearly everything	Conc. sulphuric and nitric acid	250	A	A	A
ABS	Alkalis, water	Ketones, aromatics	80	D	B	A
PTFE	Almost all chemicals	Radiation; creeps under load	260	A	D	A
Acrylic (PMMA)	Water, dilute acids and alkalis; clear	Alcohols (crazing), ketones, solvents	80	D	B	A
Polyetherimide (PEI)	Alcohols, acids, oils	Strong alkalis, polar solvents	170	A	A	A
Stainless Steel 316	Solvents, alkalis, oxidisers	Chlorides, bleach, HCl	>400	A	A	A
Brass	Oils, solvents, fuels	Ammonia, acids, bleach, chlorides	200	B	A	A
Aluminium	Oils, solvents, alcohols	Acids, alkalis, bleach, chlorides	150	B	A	A
EPDM seal	Water, steam, disinfectants	Oils, fuels	150	A	A	A
Silicone seal	Body contact, wide temp	Silicone oil, solvents	200	A	B	A
FKM (Viton®) seal	Oils, fuels, solvents, acids	Ketones, steam, alkalis	200	B	B	A
FFKM seal	Almost all chemicals, high heat	High cost	300	A	C	A
NBR (Buna) seal	Mineral oils, fuels	Ketones, ozone, steam	100	C	B	A

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Resin and manifold material data

Polypropylene is the economic all-rounder, polycarbonate and acrylic give clarity, PVDF, PTFE and PEEK cover aggressive fluids and heat. Metals suit machined manifolds. Typical values per material family listed below:

Material	Density (g/cm³)	Tensile (MPa)	Modulus (GPa)	Max °C	Min °C	Water abs. 24 h (%)	Appearance	Typical Manufacture	Cost
Polypropylene	0.90	33	1.5	100	0	<0.01	Translucent	Moulded	Low
Polycarbonate	1.20	62	2.3	120	-40	0.15	Clear	Moulded	Medium
PVDF	1.78	50	2.0	150	-40	0.04	Translucent–opaque	Moulded, machined	High
Nylon (PA)	1.14	80 (dry)	2.8 (dry)	90	-40	1.2	Opaque	Moulded, machined	Low-Medium
Acetal (POM)	1.41	62	2.6	100	-40	0.20	Opaque	Moulded, machined	Low-Medium
PEEK	1.30	100	3.8	250	-60	0.10	Opaque	Moulded, machined	Very High
ABS	1.05	45	2.3	80	-20	0.30	Opaque	Moulded	Low
PTFE	2.17	25	0.5	260	-200	<0.01	Opaque White	Machined	High
Acrylic (PMMA)	1.19	70	3.0	80	-40	0.30	Clear	Moulded, machined	Low-Medium
Polyetherimide (PEI)	1.27	105	3.3	170	-40	0.25	Amber Transparent	Moulded, machined	High
Stainless Steel 316	8.0	580	193	>400	-196	None	Metallic	Machined	Medium-High
Brass	8.4	400	100	200	-196	None	Metallic	Machined	Medium
Aluminium	2.70	300	70	150	-196	None	Metallic	Machined	Low-Medium

Polymer modulus is flexural; metal modulus is tensile. Metal max. use reflects strength retention; seals usually set the real limit.

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Sterilisation compatibility

EtO suits every material; PEEK, Polyetherimide (PEI) and stainless handle almost every method. Gamma and e-beam dose is cumulative over the product life.

● **A** - repeated cycles ● **B** - limited cycles/grade dependent ● **C** - single cycle, test first ● **D** - not recommended

Material	Steam (121 °C)	Steam (134 °C)	EtO	Gamma 25–50 kGy	E-Beam	VHP/Plasma	Dry heat (160 °C)
Polypropylene	A	B	A	C (B rad-stable)	C (B rad-stable)	A	D
Polycarbonate	C	D	A	B	B	A	D
PVDF	A	A	A	B	B	A	B
Nylon (PA)	B	C	A	B	B	B	D
Acetal (POM)	B	C	A	D	D	B	D
PEEK	A	A	A	A	A	A	A
ABS	D	D	A	B	B	A	D
PTFE	A	A	A	D	D	A	A
Acrylic (PMMA)	D	D	A	B	B	A	D
Polyetherimide (PEI)	A	A	A	A	A	A	B
Stainless Steel 316	A	A	A	A	A	A	A
Brass	A	A	A	A	A	C	A
Aluminium	B	B	A	A	A	A	A

Regulatory compliance

ISO 13485 and ISO 9001 certified; REACH and RoHS compliant; biocompatibility and cleanroom assembly available for specific products.

Scan the QR code to read more about TWG's commitment to quality and for quick access our ISO 9001 and ISO 13485 certificates.

Standard or Claim	What it covers	West Group status
ISO 13485	Quality management for medical devices	Certified
ISO 9001	General quality management	Certified
ISO 80369-1/-7	Small-bore connectors; -7 sets luer dimensions	Compatible fittings available
ISO 14644-1	Cleanroom classification	ISO Class 7 / 8 assembly for specific products
ISO 10993	Biological evaluation of device materials	Available for specific products
USP Class VI	Biological reactivity test for plastics	Available for specific products
FDA 21 CFR 177	Resins for food contact	Available for specific products
REACH (EC 1907/2006)	Substances of very high concern	Compliant; declarations available
RoHS (2011/65/EU)	Restricted substances	Compliant; declarations available
Animal-derived free	No tallow-based additives (TSE/BSE)	Animal-free grades available
DEHP/phthalate, latex free	Plasticiser and allergen controls	Available for specific products

Barb terms and size selection

Match the barb's nominal size to the tube's inside diameter.

Barb Terms

Term	Meaning
Nominal size	Tube ID the barb is designed for, e.g. 3/32" (2.4 mm)
Major diameter	Largest ridge diameter; sets the stretch on the tube
Shank diameter	Diameter between ridges; tube relaxes onto it to grip
Lead-in angle	Entry taper, typically 10–20°; shallower = easier push-on
Back face	Rear of the ridge; sharp, near 90° gives best pull-off
Engagement length	At least 2 ridges or 1.5 × tube OD

Size Selection

Nominal Barb	Tube ID (mm)	Typical Tube OD (mm)
1/32"	0.8	2.4
1/16"	1.6	3.2
3/32"	2.4	4.0
1/8"	3.2	4.8-6.4
5/32"	4.0	6.4
3/16"	4.8	7.9
1/4"	6.4	9.5
3/8"	9.5	12.7

When to use a high-flow barb

A larger through-bore for the same tube ID cuts pressure drop. Use where flow rate matters, for viscous fluids, or on low-pressure and gravity-fed lines. The thinner wall suits it less to high clamp or side loads.

Tubing fit and assembly rules

Choose the profile by tube hardness: soft tubing grips best on a single sharp barb, firmer tubing on a rigid or multi-barb.

Tubing	Shore A	Barb Profile	Retention (no clamp)	Notes
Silicone	50–70	Single, rigid or multi-barb	Low to Medium	Clip above ~0.5 bar; swells in some solvents
PVC (medical)	65-80	Single, rigid or multi-barb	Good	Softens with heat; check plasticiser
TPE (e.g. SEBS)	55-85	Single, rigid or multi-barb	Good	DEHP-free PVC replacement
Polyurethane	80-95	Single, rigid or multi-barb	Very Good	Heat tube end to push on
PE, PTFE, FEP, Nylon	Rigid	Not recommended	Poor	Use compression, push-fit or bonding

1. Never lubricate with oil; use IPA, which evaporates and leaves full grip.
2. Pressure and pull-off fall with temperature; rate at the highest service temperature.
3. Above ~2 bar, or for blood and drugs, add a clamp, band or bonded joint and validate by test.

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Conversion factors

Multiply the value in the From column by the factor. 1 ml = 1 cm^3 = 1 cc; 1 µL = 1 mm^3;
1 ml/min = 1 cc/min.

Quantity	From	To	x By
Length	inch	mm	25.4
Length	mm	inch	0.03937
Length	thou	µm	25.4
Length	foot	metre	0.3048
Length	metre	foot	3.2808
Pressure	bar	psi	14.504
Pressure	psi	bar	0.068948
Pressure	psi	kPa	6.8948
Pressure	kPa	psi	0.14504
Pressure	bar	kPa	100
Pressure	mbar	cmH_2O	1.0197
Pressure	mmHg	mbar	1.3332
Pressure	psi	mmHg	51.715
Pressure	atm	bar	1.01325
Flow	ml/min	L/h	0.06
Flow	L/min	US gal/min	0.26417
Flow	L/min	UK gal/min	0.21997
Flow	US gal/min	L/min	3.7854

Quantity	From	To	x By
Flow	UK gal/min	L/min	4.5461
Flow	L/min	ft^3/h (SCFH)	2.1189
Flow	ft^3/min (SCFM)	L/min	28.317
Volume	ml (cm^3)	US fl oz	0.033814
Volume	ml (cm^3)	UK fl oz	0.035195
Volume	litre	US gallon	0.26417
Volume	litre	UK gallon	0.21997
Volume	in^3	ml	16.387
Weight	gram	ounce	0.035274
Weight	ounce	gram	28.3495
Weight	kg	lb	2.2046
Weight	ib	gram	453.59
Force	newton	ibf	0.22481
Force	ibf	newton	4.4482
Force	kgf	newton	9.8067
Torque	N·m	lbf·in	8.8507
Torque	lbf·in	N·m	0.11298

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Temperature and fractional inch sizes

°F = °C × 1.8 + 32 · °C = (°F − 32) ÷ 1.8 · K = °C + 273.15

Temperature

°C	°F	Reference
-40	-40	
0	32	Freezing
20	68	Room
37	98.6	Body
60	140	
80	176	
100	212	Boiling
121	249.8	Autoclave
134	273.2	Autoclave (prion)
150	302	
160	320	Dry heat
200	392	
250	482	PEEK limit

Fractional inch to mm (tube and barb sizes)

Inch	Decimal in	mm
1/32"	0.031	0.79
1/16"	0.063	1.59
3/32"	0.094	2.38
1/8"	0.125	3.18
5/32"	0.156	3.97
3/16"	0.188	4.76
7/32"	0.219	5.56
1/4"	0.250	6.35
5/16"	0.313	7.94
3/8"	0.375	9.53
7/16"	0.438	11.11
1/2"	0.500	12.70
5/8"	0.625	15.88
3/4"	0.750	19.05

Pressure quick lookup

Working pressures for fittings in top table; check valve cracking pressures on the bottom table.

Working pressures

psi	bar	kPa	mmHg
1	0.069	6.9	51.7
5	0.345	34.5	258.6
10	0.689	68.9	517.1
15	1.034	103.4	775.7
20	1.379	137.9	1034.3
30	2.068	206.8	1551.4
50	3.447	344.7	2585.7
75	5.171	517.1	3878.6
100	6.895	689.5	5171.5
150	10.342	1034.2	7757.2

Low pressures: check valve cracking range

mbar	psi	cmH_2O	mmHg
10	0.145	10.2	7.5
20	0.290	20.4	15.0
35	0.508	35.7	26.3
50	0.725	51.0	37.5
70	1.015	71.4	52.5
100	1.450	102.0	75.0
200	2.901	203.9	150.0
345	5.004	351.8	258.8

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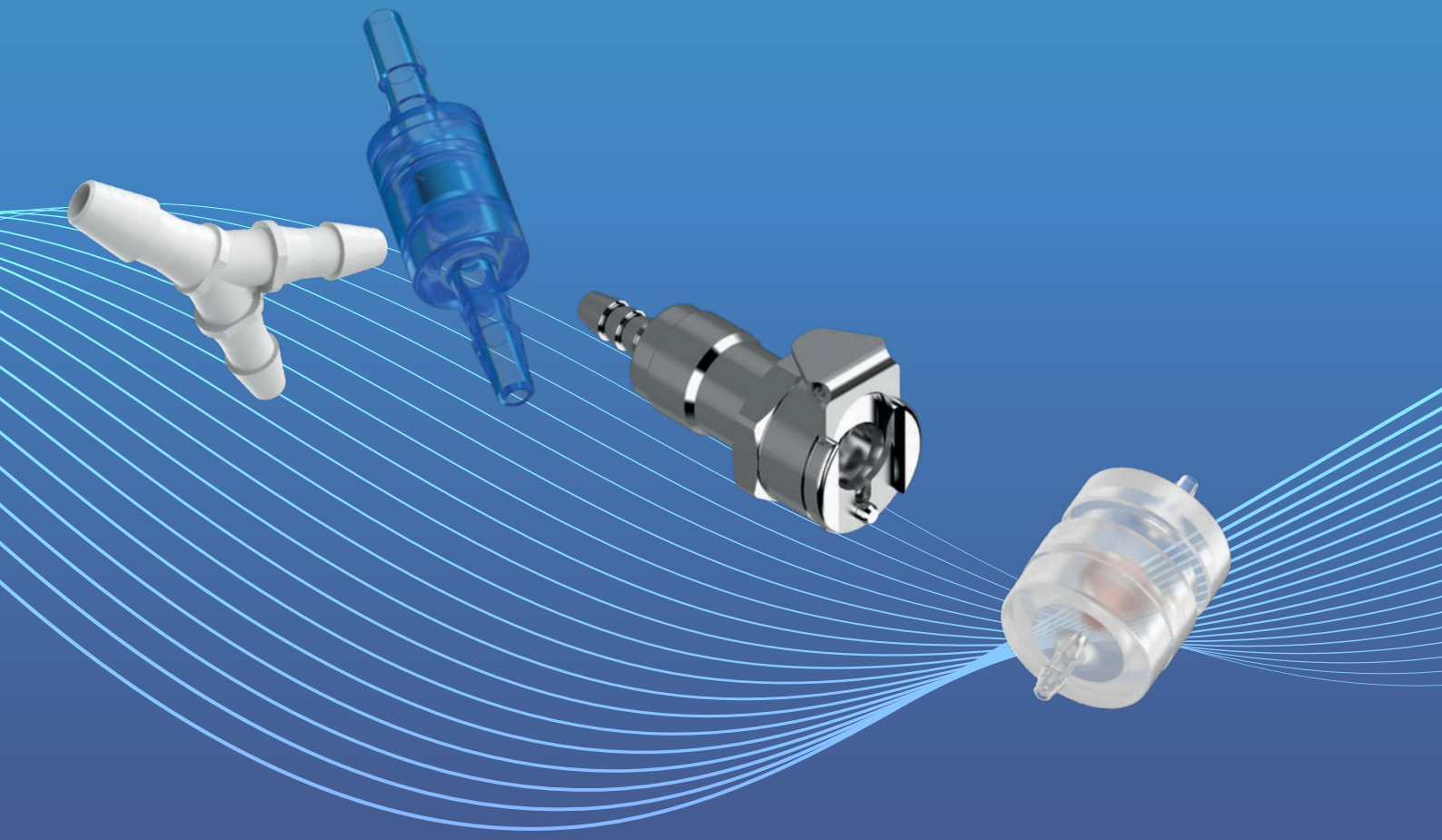
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