Cole-Parmer®
an antylia scientific company

Port Disk

Hose Barb Fittings

Before Choosing a Fixture, Consider the Following

Barbed fittings are designed for quick and easy assembly without tools. Combine these simple, economical fittings with our flexible tubing for use in your low-pressure applications (generally less than 30 psi).

When temperature and pressure are essential, ensure that the fittings you select are suitable for your operating conditions. It's important to note that most fittings cannot operate at their maximum temperature and maximum pressure ratings simultaneously.

Use these high-quality PVC-free fittings in biomedical, pharmaceutical, electronic, and other critical-use applications.

CERTIFICATION

Cole-Parmer will provide a certificate of compliance FREE at your request where applicable.

APPLICATIONS

- Bioprocess, life science, and pharmaceutical industries
- General-purpose, laboratory, and single-use applications to connect tubing with the rest of your system

FEATURES/BENEFITS

- Free technical application support available to determine which connector type is needed for your application
- Design allows for a port on both sides of the bag
- Ultrasonic, radio frequency, or thermal weld to polyethylene bags
- Meets FDA requirements 21 CFR 177.1520(c) 3.2c and 21 CFR 176.170(c) and RoHS compliant
- Natural Kynar® is biopharma compatible and USP 661 and BPOG compliant

USA	+1.800.323.4340
	+1.847.549.7600
Canada	+1.800.363.5900
China	86.21.5109.9909
France	+33 (0) 1486 37800
Germany	+49 (0) 9377 92030
India	+1.800.266.1244
Italy	+39 (0) 1313 89513
UK	+44 (0) 1480.272279
All others	+1.847.549.7600

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Material Types – General Overview

PVDF (Kynar®)

- Excellent chemical resistance
- Temperature range: -62 to 129 °C (-80 to 265 °F)
- Sterilize by ethylene oxide or autoclave

Its trade name, Kynar, often refers to PVDF (polyvinylidene fluoride). PVDF is a high-purity engineering thermoplastic with excellent chemical resistance, abrasion resistance, flame resistance, and UV stability. PVDF is widely used for chemical tank liners and semiconductor equipment components.

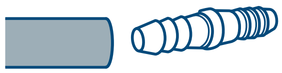
Engage 8402

- Good chemical resistance
- Max temperature range: 96 °C (205 °F)

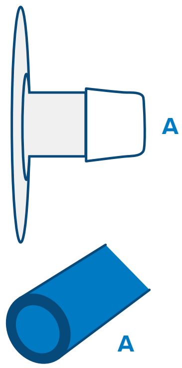
This ethylene-octene copolymer offers excellent performance in durable, flexible injection molded industrial and consumer goods. This provides high clarity in products requiring visual inspection and allows hot runner molds to enhance production efficiency. In addition, its low density can help control resin and production costs, while reducing the weight of the end products.

Fittings

For additional options and complete offering, visit **coleparmer.com**.



Barbed



Port Disk Hose Barb Fitting

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Specification and Ordering Table

Tubing ID dimensions (A)	Material	Type	Item number	Pack size
5/8"	Engage™ 8402	Port Disk Hose Barb Fitting	50116-69	10/pk
5/8"	Natural Kynar®	Port Disk Hose Barb Fitting	50116-79	10/pk
3/4"	Engage™ 8402	Port Disk Hose Barb Fitting	50116-70	10/pk
3/4"	Natural Kynar®	Port Disk Hose Barb Fitting	50116-80	10/pk
1"	Engage™ 8402	Port Disk Hose Barb Fitting	50116-71	10/pk
1"	Natural Kynar®	Port Disk Hose Barb Fitting	50116-81	10/pk
5/32"	Engage™ 8402	Port Disk Hose Barb Fitting	50116-72	10/pk
5/32"	Natural Kynar®	Port Disk Hose Barb Fitting	50116-82	10/pk
1/8"	Engage™ 8402	Port Disk Hose Barb Fitting	50116-73	10/pk
1/8"	Natural Kynar®	Port Disk Hose Barb Fitting	50116-83	10/pk
3/16"	Engage™ 8402	Port Disk Hose Barb Fitting	50116-74	10/pk
3/16"	Natural Kynar®	Port Disk Hose Barb Fitting	50116-84	10/pk
1/4"	Engage™ 8402	Port Disk Hose Barb Fitting	50116-75	10/pk
1/4"	Natural Kynar®	Port Disk Hose Barb Fitting	50116-85	10/pk
5/16"	Engage™ 8402	Port Disk Hose Barb Fitting	50116-76	10/pk
5/16"	Natural Kynar®	Port Disk Hose Barb Fitting	50116-86	10/pk
3/8"	Engage™ 8402	Port Disk Hose Barb Fitting	50116-77	10/pk
3/8"	Natural Kynar®	Port Disk Hose Barb Fitting	50116-87	10/pk
1/2"	Engage™ 8402	Port Disk Hose Barb Fitting	50116-78	10/pk
1/2"	Natural Kynar®	Port Disk Hose Barb Fitting	50116-88	10/pk