

Barbed Fittings for Soft Tubing

These small high quality plastic fittings are ideal for connecting tubing and pumps in your fluid handling system. The barbed fittings are designed to attach securely to soft tubing and limit leakage.

Select from a wide range of sizes and styles in two different materials. Polypropylene is the most economical material, offering good chemical resistance and moisture resistance properties. PVDF (polyvinylidene fluoride) provides good resistance to halogens, hot acids, alcohols, aromatics, oxidants, mild bases, aliphatics, fungus, abrasion, chloride and UV rays. All fittings are naturally colored.

Sterilize either material by ethylene or autoclave. Polypropylene temperature range is 32 to 275°F (0 to 135°C). PVDF temperature range is -79 to 275°F (-62 to 135°C).

All fittings are offered in economical, easy-to-use packages of 10. For larger quantities, please call for special pricing. If you do not see the fitting you need, give us a call.

*Select from a range of styles
Polypropylene or PVDF materials
Good Chemical Resistance
Economical Packages*



Available in Polypropylene and PVDF materials!

Straight Connectors

Tubing ID	Polypropylene	PVDF
1/32" (0.8 mm)	FTG001.001	n/a
1/16" (1.6 mm)	FTG001.002	FTG001.102
1/8" (3.2 mm)	FTG001.003	FTG001.103
3/16" (4.8 mm)	FTG001.004	FTG001.104
1/4" (6.4 mm)	FTG001.005	FTG001.105



FTG001

Threaded Adapters

Tubing ID	Polypropylene	PVDF
1/32" (0.8 mm)HB x 1/8-27 MPT	FTG002.001	n/a
1/16" (1.6 mm)HB x 1/8-27 MPT	FTG002.002	FTG002.102
1/8" (3.2 mm)HB x 1/8-27 MPT	FTG002.003	FTG002.103
3/16" (4.8 mm)HB x 1/8-27 MPT	FTG002.004	FTG002.104
1/4" (6.4 mm)HB x 1/8-27 MPT	FTG002.005	FTG002.105
<hr/>		
1/8" (3.2 mm)HB x 1/4-28 UNF	FTG002.023	n/a
1/4" (6.4 mm)HB x 1/4-28 UNF	FTG002.025	n/a
<hr/>		
1/32" (0.8 mm)HB x 10-32 UNF	FTG002.041	n/a
1/16" (1.6 mm)HB x 10-32 UNF	FTG002.042	FTG002.142
1/8" (3.2 mm)HB x 10-32 UNF	FTG002.043	FTG002.143



FTG002

HB Plastic - Fittings

T-Connectors

Tubing ID	Polypropylene	PVDF
1/16" (1.6 mm)	FTG003.002	FTG003.102
1/8" (3.2 mm)	FTG003.003	FTG003.103
3/16" (4.8 mm)	FTG003.004	FTG003.104
1/4" (6.4 mm)	FTG003.005	FTG003.105



FTG003

Elbow Connectors

Tubing ID	Polypropylene	PVDF
1/16" (1.6 mm)	FTG004.002	FTG004.102
1/8" (3.2 mm)	FTG004.003	FTG004.103
3/16" (4.8 mm)	FTG004.004	FTG004.104
1/4" (6.4 mm)	FTG004.005	FTG004.105



FTG004

Y-Connectors

Tubing ID	Polypropylene	PVDF
1/16" (1.6 mm)	FTG005.002	FTG005.102
1/8" (3.2 mm)	FTG005.003	FTG005.103
3/16" (4.8 mm)	FTG005.004	FTG005.104
1/4" (6.4 mm)	FTG005.005	FTG005.105



FTG005

Straight Reducers

Tubing ID	Polypropylene	PVDF
1/32" x 1/8" (0.8 x 3.2 mm)	FTG006.001	n/a
1/16" x 1/8" (1.6 x 3.2 mm)	FTG006.002	FTG006.102
3/16" x 1/8" (4.8 x 3.2 mm)	FTG006.003	FTG006.103
3/8" x 1/8" (9.6 x 3.2 mm)	FTG006.004	n/a
3/16" x 1/4" (4.8 x 6.4 mm)	FTG006.005	FTG006.105
3/8" x 1/4" (9.6 x 6.4 mm)	FTG006.006	n/a
1/8" x 1/4" (3.2 x 6.4 mm)	FTG006.008	FTG006.108



FTG006

T-Reducers

Tubing ID	Polypropylene	PVDF
1/16" x 1/16" x 3/32" (1.6 x 1.6 x 2.4 mm)	FTG007.001	n/a
1/16" x 1/16" x 1/8" (1.6 x 1.6 x 3.2 mm)	FTG007.002	FTG007.102
3/32" x 3/32" x 1/16" (2.4 x 2.4 x 1.6 mm)	FTG007.003	n/a
1/8" x 1/8" x 3/16" (3.2 x 3.2 x 4.8 mm)	FTG007.004	FTG007.104
1/8" x 1/8" x 1/4" (3.2 x 3.2 x 6.4 mm)	FTG007.005	FTG007.105
5/32" x 5/32" x 1/16" (4.0 x 4.0 x 1.6 mm)	FTG007.006	FTG007.106
5/32" x 5/32" x 1/8" (4.0 x 4.0 x 3.2 mm)	FTG007.007	FTG007.107
3/16" x 3/16" x 1/8" (4.8 x 4.8 x 3.2 mm)	FTG007.008	FTG007.108
1/4" x 1/4" x 1/8" (6.4 x 6.4 x 3.2 mm)	FTG007.009	FTG007.109
3/8" x 3/8" x 1/8" (9.6 x 9.6 x 3.2 mm)	FTG007.010	n/a
3/8" x 3/8" x 1/4" (9.6 x 9.6 x 6.4 mm)	FTG007.011	n/a



FTG007

Elbow Reducers

Tubing ID	Polypropylene	PVDF
3/32" x 1/16" (2.4 x 1.6 mm)	FTG008.001	n/a
1/8" x 3/32" (3.2 x 2.4 mm)	FTG008.002	n/a
3/16" x 1/8" (4.8 x 3.2 mm)	FTG008.003	n/a
3/16" x 5/32" (4.8 x 4.0 mm)	FTG008.004	n/a



FTG008

For more information contact:

APT Instruments

P.O. Box 317, Rochester, IL 62563 USA

877.324.5444 Toll-free

217.498.0342 * 217.498.0352Fx

www.aptinstruments.com

sales@aptinstruments.com