

FIT Series

Hydraulic Fittings
and Connectors

Shenzhen Foreach Technology Co.,Ltd.

Address: 12th floor, 2nd building, Yufengda industry park, 1008th GuangQiao Boulevard, Guangming District, Shenzhen 518132 CHINA

Tel: +86-755-8655-3831

www.foreachtek.com E-mail: info@foreachtek.com

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1. Overview

Hydraulic fittings and connectors are divided into fittings for rigid tubing and connectors for flexible tubing in terms of tubing material.

- Fittings for rigid tubing

Male threaded fitting can be tightly connected to ferrule or washer to be (form) a high leak-tight connection. Applied to PTFE, FEP and some other tubing. These fittings are divided into flangeless, flanged, Clamp ring flangeless fitting.

- ✧ Flangeless fitting: An economic and durable inverted fitting. Installing without specialized tool. Simply screw fitting on the tubing and insert the ferrule into fitting. The flangeless fitting is used together with ferrule.
- ✧ Flanged fitting: The flanged fitting is used together with washer. Washer is located between the fitting and flange edge which must be flat. Screw in the fitting with flange edge to form a seal, the wetted part is tubing.
- ✧ Lock ring & ferrule: include the fitting, ferrule and clamp ring, material of ferrule is PEEK. Insert the fitting, ferrule and clamp ring into the rigid tubing in sequence; place the clamp ring on the external port of the tubing, compact the ferrule and clamp ring on the fitting before using them.

- Connectors for flexible tubing

Insert barbed connector into flexible tubing; the flexible tubing will swell and be sealed because of pressure from barb, pressure of seal: ≤ 200 kPa (29psi) (Test condition: TPE tubing 65(Shore A), swelling ratio: approx. 20%~50%, ordinary temperature). Barbed connectors are applied to silicon, TPU, TPE, PU and some other flexible tubing. The connectors are divided into barb to barb connectors, thread to barb connectors.

- ✧ Barb to barb connectors: The connectors are divided into straight through, tee, Y style, elbow, cross, π style and some other connectors for flexible tubing. These connectors are also divided into barb to barb connectors of equal diameter and barb to barb connectors of reducer union in terms of various connect tubing diameter.
- ✧ Thread to barb connector: Thread on the Connector is good for arrangement, confluence, and immobilization of tubing. The Connectors are divided into bottom seal and threaded seal in terms of the ways how the thread is sealed.
 1. Bottom seal: There is a step surface at end of male thread which will be in contact with bottom of male thread and form a seal by threaded extrusion.
 2. Threaded seal: Wrap a Teflon tape between male thread (UNF, NPT, PT, G threaded connectors) and male thread to make them sealed.
 3. Female thread to barb Connector: applicated to connect between rigid tubing and flexible tubing.
- ✧ Luer Fittings: The plug-in connectors consist of a male luer and a female luer.
- ✧ Quick Coupling: Plug-in, connection and disconnection is easy. It can be divided into barbed quick coupling and pneumatic quick coupling in terms of connection types.
 1. Barbed Quick Couplings: The couplings consist of a plug and a socket. The plug and socket can be installed and removed by a clip-on device.
 2. Pneumatic Quick Couplings: The connector will grip the outer diameter of flexible tubing to make it sealed. It is suitable for semi-rigid tubing such as PU tubing.





2. Material Properties

PP	Polypropylene is a polymer made from the combination of propylene monomers. It is transparent and light. It can withstand corrosion of a variety of organic solvents such as acid, alkali, salt solution etc. at temperature below 80°C. It is FDA-approved and UL compliant material. Applicable temperatures range from 13 °C to 66°C
PA	It can be disinfected by gamma ray; the color will be changed to some extent if disinfected by high-dose gamma ray. It is quite suitable for high temperature sterilization. The material may have slight swelling with long immersion. Applicable temperature range: -10°C ~ 135°C
PVDF	Kynar® PVDF is a fluorinated thermoplastic homopolymer that complies with FDA and USP Class VI standard. It can be disinfected by gamma ray; the color will be changed to some extent if disinfected by high-dose gamma ray. Applicable temperature range: -27°C ~ 108°C
POM	POM is a polyformaldehyde (POM) copolymer that compliant with UL. It is good in chemical stability, excellent in wear resistance and rigidity at high temperature. Applicable temperature range: -20°C ~ 60°C
ETFE	A resin for special purpose with hydrolysis stability and weather resistance, excellent wear resistance and chemical resistance. Applicable temperature range: -80°C ~ 150°C
PEEK	High performance thermoplastic materials, 30% carbon fiber reinforced polyetheretherketone (PEEK), complying with FDA food contact standard. It is for high strength and stiffness application in static or dynamic system. It is with high wear resistance, low coefficient of friction, thermal expansion, and high corrosion resistance. Applicable temperature range: -27°C ~ 100°C
PPS	A polyphenylene sulfide PPS that filled with 40% glass reinforced material. It has high strength, high toughness, excellent heat and chemical resistance, good electrical properties and inherent flame retardance. The high hardness and rigidity at elevated temperatures allows for good load bearing performance. Applicable temperature range: -50°C ~ 150°C
PTFE	With excellent properties of typical fluoroplastic resin, it has characteristic of high tension, chemical resistance and low friction. Applicable temperature range: -50°C ~ 100°C
TPU	With excellent high tension, tenacity and aging resistance, it is a mature environmental material. Applicable temperature range: -27°C ~ 80°C

Note: The material mentioned above all meet RoHS 2.0 compliant.

3. Model Interpretation

Barb Style

Mark	F	C	D	V
Figure				
Value	400 series	Classic series	200 series	500 series
expansion ratio	25%	42 ~ 69%	50%	/

e. g. BY-16F-PP-N refers to Y style barbed connector (400 series barb) 1.6mm ID Tubing, PP material, Natural.

Note: the default 200 series mark are omitted.

Thread

Mark	M5	M6	U28	U32	U40	G1/8	1/4NPT	1/8NPT
Thread	M5x0.8	M6x1	1/4-28UNF	10-32UNF	6-40UNF	G1/8	1/4-18NPT	1/8-27NPT

e. g. SAL-U32-24D-PP-N refers to Elbow Thread to Barb Connector (200 series barb) with 10-32UNF thread, 2.4mm ID Tubing, PP, Natural.

Material

Mark	PP	PA	AC	PE	PV	ET	PU	PT	SS
Material	PP	Nylon	POM	PEEK	PVDF	ETFE	TPU	PTFE	SUS

e. g. SB-M6-40-AC-B refers to Straight Through Thread to Barb Connector (200 series barb) with M6x1 thread, 4.0mm ID tubing, POM material, Black.

Color

Mark	N	Y	R	G	U	W	B	O
Color	Natural	Yellow	Red	Green	Blue	White	Black	Orange

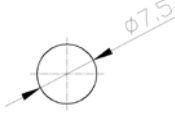
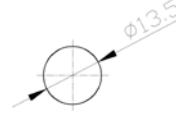
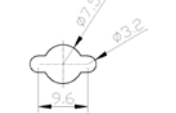
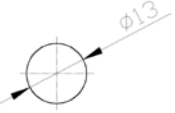
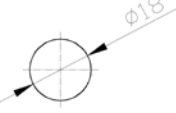
e. g. LPT-PA-O refers to Finger Snap Luer Lock Ring, PA material, Orange.

Recommended Torque by Thread

Thread	6-40UNF	10-32UNF	1/4-28UNF	M5*0.8	M6*1	1/8-27NPT	1/4-18NPT	G1/8
Torque/N-m	0.08 ~ 0.16	0.25 ~ 0.3	0.25 ~ 0.3	0.25 ~ 0.3	0.25 ~ 0.3	0.25 ~ 0.3	0.25 ~ 0.3	0.25 ~ 0.3

Note: The above torques are recommended for regular fittings. The specialized connection of PEEK VHP Fittings, metal fittings, please consult the supplier for detailed torque.

Punch Hole & Thickness

Model	PMB Panel Mount Barb Connector	PMU Panel Mount Union	PMLS Panel Mount Female Luer	Q20 Series Quick Coupling	Q40 Series Quick Coupling
Punch Hole (mm)	 Diameter: 6.4~7.5	 Diameter: 12.5~13.5	 Diameter: 6.4~7.5	 Diameter: 12.7~13	 Diameter: 17.5~18
Max Panel Thickness (mm)	3.5	7.5	3.5	Plug: 3.3 Shoket: 8.5	Plug: 5.5 Shoket: 11.5

4. H-Fittings for Rigid Tubing

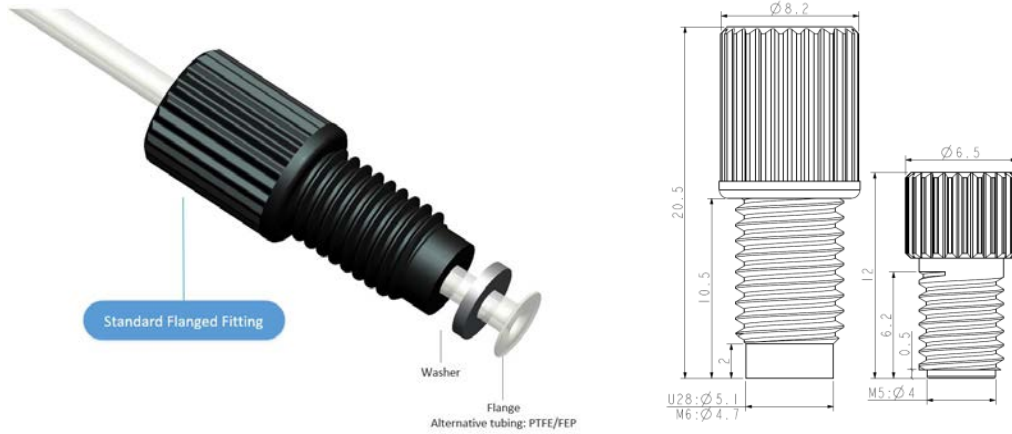
4.1 HF- Standard Flanged Fitting

Feature

To make the tubing end into flange edge with specialized tool. The tubing will not be twisted if the fitting is rotated; thereby there will be no gas leakage caused by tubing twisting. Screw in the fitting with flange edge to form a seal, the wetted part is tubing.

- Applied to rigid tubing (e. g. PTFE, FEP tubing) with OD: 1.6mm, 2.0mm, 2.5mm, 3.0mm, 3.2mm
- Alternative thread: 1/4-28UNF, M6, M5

Illustration



Note: The outline dimension is shown above.

Model Interpretation



E. g.
HFL-U28-16-PV-N refers to Standard Flanged Fitting, 1/4-28UNF thread, 1.6mm OD Tubing, PVDF, Natural

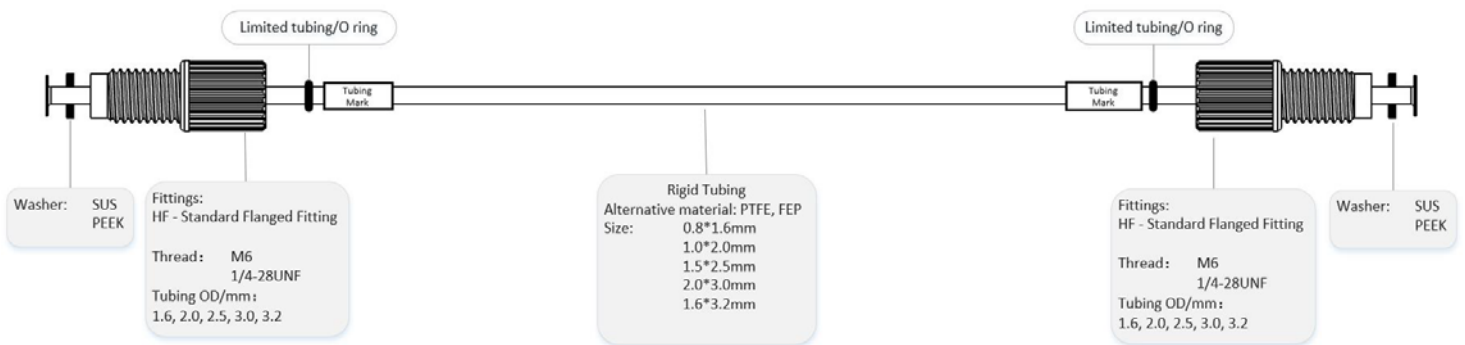
Matched Tubing

Tubing OD/mm	HF-M6/U28-20	HF-M6/U28-25	HF-M6/U28-32
1.6	●		
2.0	●		
2.5		●	
3.0			●
3.2			●

Ordering Information

Part No.	Model	Thread	Tubing OD/mm	Material	Description
809717	HF-M6-20-PK-N	M6	1.6, 2.0	PEEK-Natural	Standard Flanged Fitting HF-M6-20-PK-N 809717
809746	HF-M6-20-PV-N	M6	1.6, 2.0	PVDF-Natural	Standard Flanged Fitting HF-M6-20-PV-N 809746
809747	HF-M6-20-PS-B	M6	1.6, 2.0	PPS-Black	Standard Flanged Fitting HF-M6-20-PS-B 809747
809718	HF-M6-25-PK-N	M6	2.5	PEEK-Natural	Standard Flanged Fitting HF-M6-25-PK-N 809718
809748	HF-M6-25-PV-N	M6	2.5	PVDF-Natural	Standard Flanged Fitting HF-M6-25-PV-N 809748
809749	HF-M6-25-PS-B	M6	2.5	PPS-Black	Standard Flanged Fitting HF-M6-25-PS-B 809749
809719	HF-M6-32-PK-N	M6	3.0, 3.2	PEEK-Natural	Standard Flanged Fitting HF-M6-32-PK-N 809719
809750	HF-M6-32-PV-N	M6	3.0, 3.2	PVDF-Natural	Standard Flanged Fitting HF-M6-32-PV-N 809750
809751	HF-M6-32-PS-B	M6	3.0, 3.2	PPS-Black	Standard Flanged Fitting HF-M6-32-PS-B 809751
809714	HF-U28-20-PK-N	1/4-28UNF	1.6, 2.0	PEEK-Natural	Standard Flanged Fitting HF-U28-20-PK-N 809714
809740	HF-U28-20-PV-N	1/4-28UNF	1.6, 2.0	PVDF-Natural	Standard Flanged Fitting HF-U28-20-PV-N 809740
809741	HF-U28-20-PS-B	1/4-28UNF	1.6, 2.0	PPS-Black	Standard Flanged Fitting HF-U28-20-PS-B 809741
809715	HF-U28-25-PK-N	1/4-28UNF	2.5	PEEK-Natural	Standard Flanged Fitting HF-U28-25-PK-N 809715
809742	HF-U28-25-PV-N	1/4-28UNF	2.5	PVDF-Natural	Standard Flanged Fitting HF-U28-25-PV-N 809742
809743	HF-U28-25-PS-B	1/4-28UNF	2.5	PPS-Black	Standard Flanged Fitting HF-U28-25-PS-B 809743
809716	HF-U28-32-PK-N	1/4-28UNF	3.0, 3.2	PEEK-Natural	Standard Flanged Fitting HF-U28-32-PK-N 809716
809744	HF-U28-32-PV-N	1/4-28UNF	3.0, 3.2	PVDF-Natural	Standard Flanged Fitting HF-U28-32-PV-N 809744
809745	HF-U28-32-PS-B	1/4-28UNF	3.0, 3.2	PPS-Black	Standard Flanged Fitting HF-U28-32-PS-B 809745
809318	HFL-M5-20-SS-N	M5	2.0	SUS-Natural	Standard Flanged Fitting HFL-M5-20-SS-N 809318

Tubing assemblies



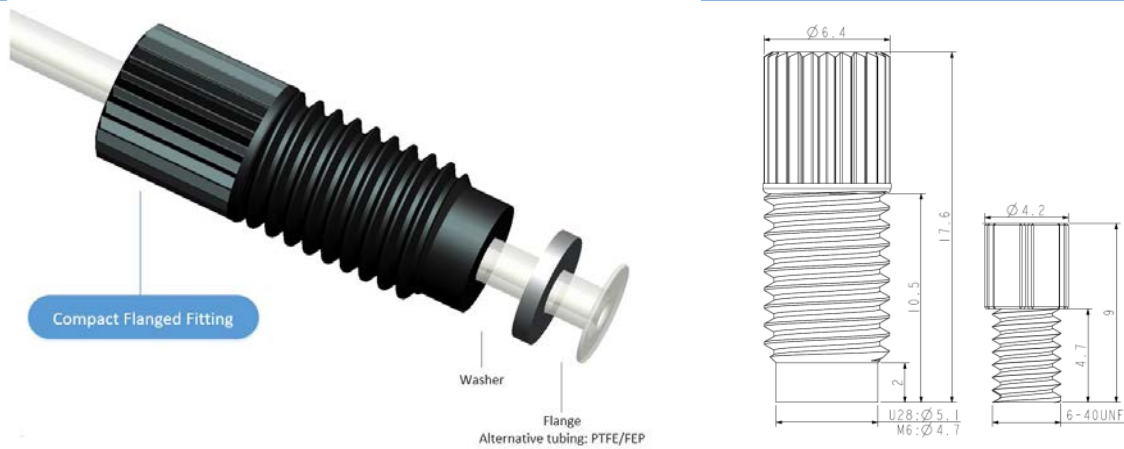
4.2 HF6-Compact Flanged Fitting

Feature

Compact flange fitting is suitable for installation in limited space. To make the tubing end into flange edge with specialized tool. The tubing will not be twisted if the fitting is rotated; thereby there will be no gas leakage caused by tubing twisting. Screw in the fitting with flange edge to form a seal, the wetted part is tubing.

- Applied to rigid tubing (e. g. PTFE, FEP tubing) with OD: 1.6mm, 2.0mm, 2.5mm, 3.0mm, 3.2mm
- Alternative thread: 1/4-28UNF, M6, 6-40UNF

Illustration



Note: The outline dimension is shown above.

Model Interpretation



E. g.
HF6-U28-20-PS-B refers to Compact Flanged Fitting, 1/4-28UNF thread, 1.6mm or 2.0mm OD tubing, PPS, Black

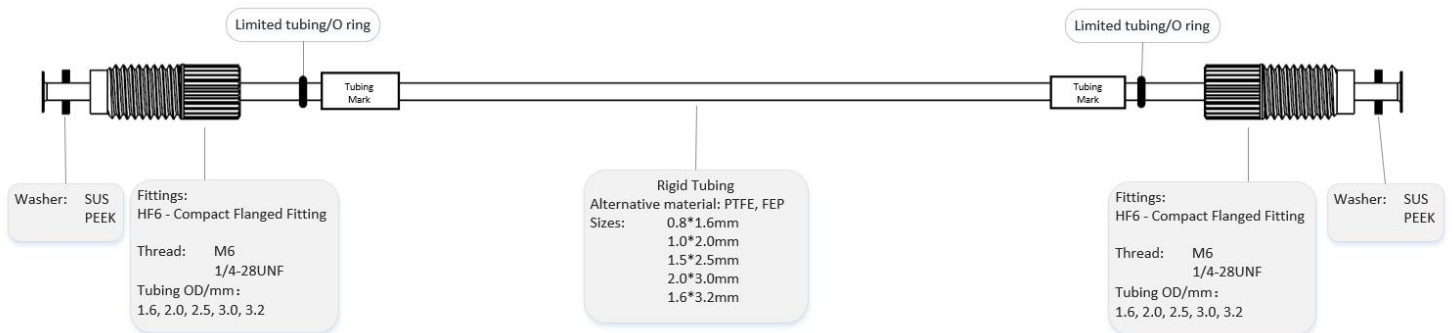
Matched Tubing

Tubing OD/mm	HF6-U40-16	HF6-M6/U28-20	HF6-M6/U28-25	HF6-M6/U28-32
1.6	●	●		
2.0		●		
2.5			●	
3.0				●
3.2				●

Ordering Information

Part No.	Model	Thread	Tubing OD /mm	Material	Description
809723	HF6-M6-20-PK-N	M6	1.6, 2.0	PEEK-Natural	Compact Flanged Fitting HF6-M6-20-PK-N 809723
809758	HF6-M6-20-PV-N	M6	1.6, 2.0	PVDF-Natural	Compact Flanged Fitting HF6-M6-20-PV-N 809758
809759	HF6-M6-20-PS-B	M6	1.6, 2.0	PPS-Black	Compact Flanged Fitting HF6-M6-20-PS-B 809759
809724	HF6-M6-25-PK-N	M6	2.5	PEEK-Natural	Compact Flanged Fitting HF6-M6-25-PK-N 809724
809760	HF6-M6-25-PV-N	M6	2.5	PVDF-Natural	Compact Flanged Fitting HF6-M6-25-PV-N 809760
809761	HF6-M6-25-PS-B	M6	2.5	PPS-Black	Compact Flanged Fitting HF6-M6-25-PS-B 809761
809725	HF6-M6-32-PK-N	M6	3.0, 3.2	PEEK-Natural	Compact Flanged Fitting HF6-M6-32-PK-N 809725
809762	HF6-M6-32-PV-N	M6	3.0, 3.2	PVDF-Natural	Compact Flanged Fitting HF6-M6-32-PV-N 809762
809763	HF6-M6-32-PS-B	M6	3.0, 3.2	PPS-Black	Compact Flanged Fitting HF6-M6-32-PS-B 809763
809720	HF6-U28-20-PK-N	1/4-28UNF	1.6, 2.0	PEEK-Natural	Compact Flanged Fitting HF6-U28-20-PK-N 809720
809752	HF6-U28-20-PV-N	1/4-28UNF	1.6, 2.0	PVDF-Natural	Compact Flanged Fitting HF6-U28-20-PV-N 809752
809753	HF6-U28-20-PS-B	1/4-28UNF	1.6, 2.0	PPS-Black	Compact Flanged Fitting HF6-U28-20-PS-B 809753
809721	HF6-U28-25-PK-N	1/4-28UNF	2.5	PEEK-Natural	Compact Flanged Fitting HF6-U28-25-PK-N 809721
809754	HF6-U28-25-PV-N	1/4-28UNF	2.5	PVDF-Natural	Compact Flanged Fitting HF6-U28-25-PV-N 809754
809755	HF6-U28-25-PS-B	1/4-28UNF	2.5	PPS-Black	Compact Flanged Fitting HF6-U28-25-PS-B 809755
809722	HF6-U28-32-PK-N	1/4-28UNF	3.0, 3.2	PEEK-Natural	Compact Flanged Fitting HF6-U28-32-PK-N 809722
809756	HF6-U28-32-PV-N	1/4-28UNF	3.0, 3.2	PVDF-Natural	Compact Flanged Fitting HF6-U28-32-PV-N 809756
809757	HF6-U28-32-PS-B	1/4-28UNF	3.0, 3.2	PPS-Black	Compact Flanged Fitting HF6-U28-32-PS-B 809757
809251	HFL6-U40-16-PK-N	6-40UNF	1.6	PEEK-Natural	Compact Flanged Fitting HFL6-U40-16-PK-N 809251

Tubing assemblies

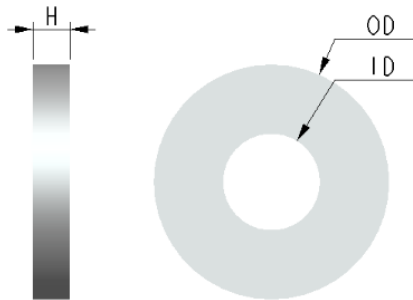


4.3 WS-Washer

Feature

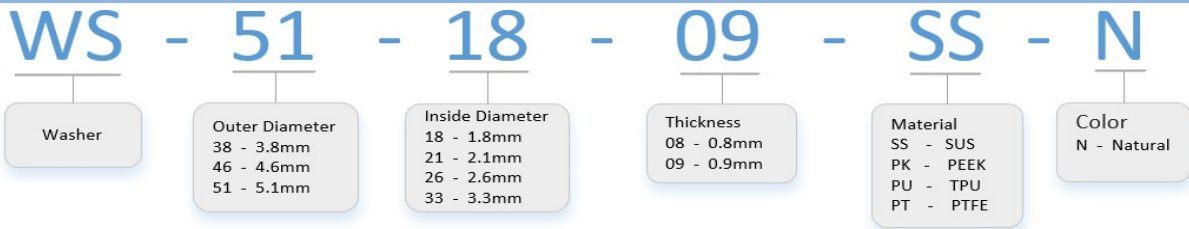
- Use together with flanged tubing and HF/HF6 fitting, it is compatible with various fluidic applications.

Illustration



Note: The outline dimension is shown above.

Model Interpretation



Note:
Washer of OD 5.1mm matches with 1/4-28 UNF male threaded fitting
Washer of OD 4.6mm matches with M6×1 male threaded fitting
Washer of OD 3.8mm matches with M5×0.8 male threaded fitting

e.g.
WS-51-18-09-SS-N, Washer, OD 5.1mm, ID 1.8mm, Thickness 0.9mm, Stainless steel, Natural

Ordering Information

Part No.	Model	OD*ID*H	Material	Description
809211	WS-38-18-08-SS-N	3.8*1.8*0.8	SUS-Natural	Washer WS-38-18-08-SS-N 809211
809213	WS-38-18-09-PK-N	3.8*1.8*0.9	PEEK-Natural	Washer WS-38-18-09-PK-N 809213
809212	WS-38-18-09-PT-N	3.8*1.8*0.9	PTFE-Natural	Washer WS-38-18-09-PT-N 809212
809215	WS-46-18-08-SS-N	4.6*1.8*0.8	SUS-Natural	Washer WS-46-18-08-SS-N 809215
809216	WS-46-18-09-PK-N	4.6*1.8*0.9	PEEK-Natural	Washer WS-46-18-09-PK-N 809216
809217	WS-46-18-09-PT-N	4.6*1.8*0.9	PTFE-Natural	Washer WS-46-18-09-PT-N 809217
809214	WS-46-18-09-PU-N	4.6*1.8*0.9	TPU-Natural	Washer WS-46-18-09-PU-N 809214
809221	WS-46-21-08-SS-N	4.6*2.1*0.8	SUS-Natural	Washer WS-46-21-08-SS-N 809221
809222	WS-46-21-09-PK-N	4.6*2.1*0.9	PEEK-Natural	Washer WS-46-21-09-PK-N 809222
809223	WS-46-21-09-PT-N	4.6*2.1*0.9	PTFE-Natural	Washer WS-46-21-09-PT-N 809223
809220	WS-46-21-09-PU-N	4.6*2.1*0.9	TPU-Natural	Washer WS-46-21-09-PU-N 809220

Part No.	Model	OD*ID*H	Material	Description
809226	WS-46-26-08-SS-N	4.6*2.6*0.8	SUS-Natural	Washer WS-46-26-08-SS-N 809226
809227	WS-46-26-09-PK-N	4.6*2.6*0.9	PEEK-Natural	Washer WS-46-26-09-PK-N 809227
809228	WS-46-26-09-PT-N	4.6*2.6*0.9	PTFE-Natural	Washer WS-46-26-09-PT-N 809228
809229	WS-46-33-09-SS-N	4.6*3.3*0.9	SUS-Natural	Washer WS-46-33-09-SS-N 809229
809230	WS-46-33-09-PK-N	4.6*3.3*0.9	PEEK-Natural	Washer WS-46-33-09-PK-N 809230
809420	WS-46-33-09-PT-N	4.6*3.3*0.9	PTFE-Natural	Washer WS-46-33-09-PT-N 809420
809233	WS-51-18-08-SS-N	5.1*1.8*0.8	SUS-Natural	Washer WS-51-18-08-SS-N 809233
809234	WS-51-18-09-PK-N	5.1*1.8*0.9	PEEK-Natural	Washer WS-51-18-09-PK-N 809234
809235	WS-51-18-09-PT-N	5.1*1.8*0.9	PTFE-Natural	Washer WS-51-18-09-PT-N 809235
809232	WS-51-18-09-PU-N	5.1*1.8*0.9	TPU-Natural	Washer WS-51-18-09-PU-N 809232
809239	WS-51-21-08-SS-N	5.1*2.1*0.8	SUS-Natural	Washer WS-51-21-08-SS-N 809239
809240	WS-51-21-09-PK-N	5.1*2.1*0.9	PEEK-Natural	Washer WS-51-21-09-PK-N 809240
809241	WS-51-21-09-PT-N	5.1*2.1*0.9	PTFE-Natural	Washer WS-51-21-09-PT-N 809241
809238	WS-51-21-09-PU-N	5.1*2.1*0.9	TPU-Natural	Washer WS-51-21-09-PU-N 809238
809244	WS-51-26-08-SS-N	5.1*2.6*0.8	SUS-Natural	Washer WS-51-26-08-SS-N 809244
809245	WS-51-26-09-PK-N	5.1*2.6*0.9	PEEK-Natural	Washer WS-51-26-09-PK-N 809245
809246	WS-51-26-09-PT-N	5.1*2.6*0.9	PTFE-Natural	Washer WS-51-26-09-PT-N 809246
809247	WS-51-33-09-SS-N	5.1*3.3*0.9	SUS-Natural	Washer WS-51-33-09-SS-N 809247
809248	WS-51-33-09-PK-N	5.1*3.3*0.9	PEEK-Natural	Washer WS-51-33-09-PK-N 809248
809249	WS-51-33-09-PT-N	5.1*3.3*0.9	PTFE-Natural	Washer WS-51-33-09-PT-N 809249
809651	WS-38-18-09-ET-N	3.8*1.8*0.9	ETFE-Natural	Washer WS-38-18-09-ET-N 809651

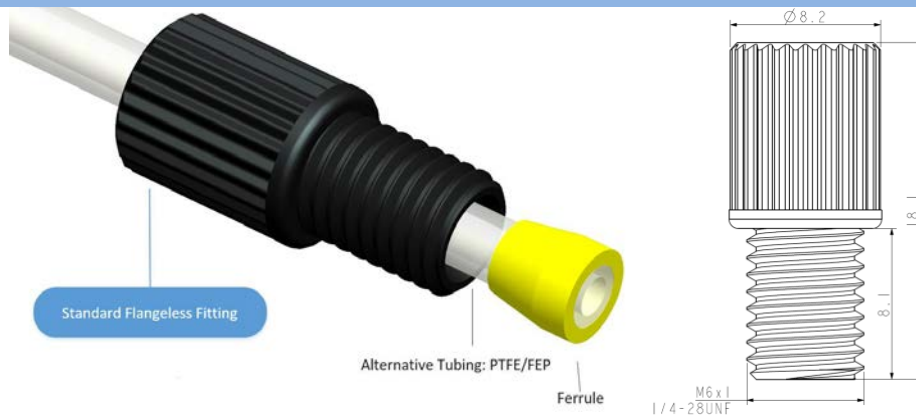
4.4 HN-Standard Flangeless Fitting

Feature

The fitting is economic and durable. To slip the fitting and ferrule over the tubing and finger tighten the assembly into your receiving port. The standard flangeless fitting is used together with ferrule.

- Applied to rigid tubing (e. g. PTFE, FEP tubing) with OD: 1.6mm, 2.0mm, 2.5mm, 3.0mm, 3.2mm
- Installing without any specialized tool
- Alternative Thread: 1/4-28UNF, M6

Illustration



Note: The outline dimension is shown above.

Model Interpretation



E. g.
HN-U28-16-PV-N refers to Standard Flangeless Fitting, 1/4-28UNF thread, 1.6mm OD tubing, PVDF, Natural

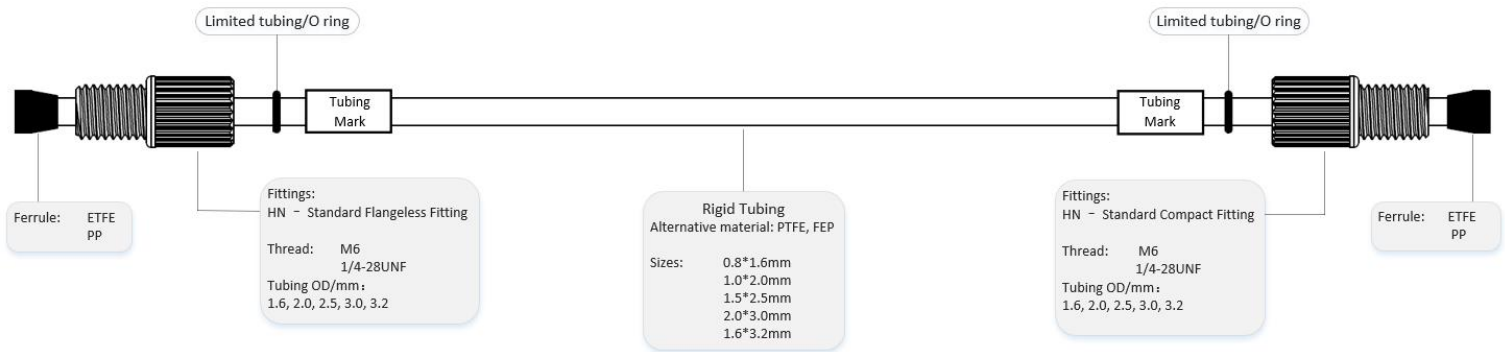
Matched Tubing

Tubing OD/mm	Ferrule	Standard Flangeless Fitting	
		HN-M6/U28-16	HN-M6/U28-32
1.6	CL-0X-16	●	
2.0	CL-0X-20		●
2.5	CL-0X-25		●
3.0	CL-0X-30		●
3.2	CL-0X-32		●

Ordering Information

Part No.	Model	Thread	Tubing OD /mm	Material	Description
809728	HN-M6-16-PK-N	M6	1.6	PEEK-Natural	Standard Flangeless Fitting HN-M6-16-PK-N 809728
809768	HN-M6-16-PV-N	M6	1.6	PVDF-Natural	Standard Flangeless Fitting HN-M6-16-PV-N 809768
809769	HN-M6-16-PS-B	M6	1.6	PPS-Black	Standard Flangeless Fitting HN-M6-16-PS-B 809769
809795	HN-M6-16-AC-B	M6	1.6	POM-Black	Standard Flangeless Fitting HN-M6-16-AC-B 809795
809729	HN-M6-32-PK-N	M6	2.0, 2.5, 3.0, 3.2	PEEK-Natural	Standard Flangeless Fitting HN-M6-32-PK-N 809729
809770	HN-M6-32-PV-N	M6	2.0, 2.5, 3.0, 3.2	PVDF-Natural	Standard Flangeless Fitting HN-M6-32-PV-N 809770
809771	HN-M6-32-PS-B	M6	2.0, 2.5, 3.0, 3.2	PPS-Black	Standard Flangeless Fitting HN-M6-32-PS-B 809771
809796	HN-M6-32-AC-B	M6	2.0, 2.5, 3.0, 3.2	POM-Black	Standard Flangeless Fitting HN-M6-32-AC-B 809796
809726	HN-U28-16-PK-N	1/4-28UNF	1.6	PEEK-Natural	Standard Flangeless Fitting HN-U28-16-PK-N 809726
809764	HN-U28-16-PV-N	1/4-28UNF	1.6	PVDF-Natural	Standard Flangeless Fitting HN-U28-16-PV-N 809764
809765	HN-U28-16-PS-B	1/4-28UNF	1.6	PPS-Black	Standard Flangeless Fitting HN-U28-16-PS-B 809765
809799	HN-U28-16-AC-B	1/4-28UNF	1.6	POM-Black	Standard Flangeless Fitting HN-U28-16-AC-B 809799
809727	HN-U28-32-PK-N	1/4-28UNF	2.0, 2.5, 3.0, 3.2	PEEK-Natural	Standard Flangeless Fitting HN-U28-32-PK-N 809727
809766	HN-U28-32-PV-N	1/4-28UNF	2.0, 2.5, 3.0, 3.2	PVDF-Natural	Standard Flangeless Fitting HN-U28-32-PV-N 809766
809767	HN-U28-32-PS-B	1/4-28UNF	2.0, 2.5, 3.0, 3.2	PPS-Black	Standard Flangeless Fitting HN-U28-32-PS-B 809767
809794	HN-U28-32-AC-B	1/4-28UNF	2.0, 2.5, 3.0, 3.2	POM-Black	Standard Flangeless Fitting HN-U28-32-AC-B 809794

Tubing assemblies



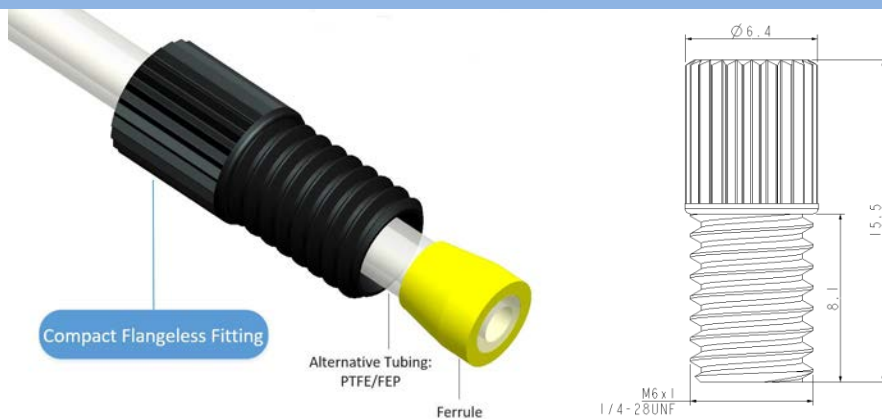
4.5 HN6-Compact Flangeless Fitting

Feature

Use together with ferrule, the compact flangeless fitting is suitable for installation in limited space. Slip the fitting and ferrule over the tubing and finger tighten the assembly into your receiving port.

- Applied to rigid tubing (e. g. PTFE, FEP tubing) with OD: 1.6mm, 2.0mm, 2.5mm, 3.0mm, 3.2mm
- Installing without any specialized tool
- Alternative Thread: 1/4-28UNF, M6

Illustration



Note: The outline dimension is shown above.

Model Interpretation

H - **N6** - **U28** - **16** - **PS** - **B**

Fittings For Rigid Tubing

Compact Flangeless Fitting

Thread
M6 - M6x1
U28 - 1/4- 28UNF

Tubing OD
16 - 1.6mm
32 - 2.0~3.2mm

Material
AC - POM
PS - PPS
PK - PEEK
PV - PVDF

Color
B - Black
N - Natural

E. g.
HN6-U28-16-PS-B refers to Compact Flangeless Fitting, 1/4-28UNF thread, 1.6mm OD tubing, PPS, Black

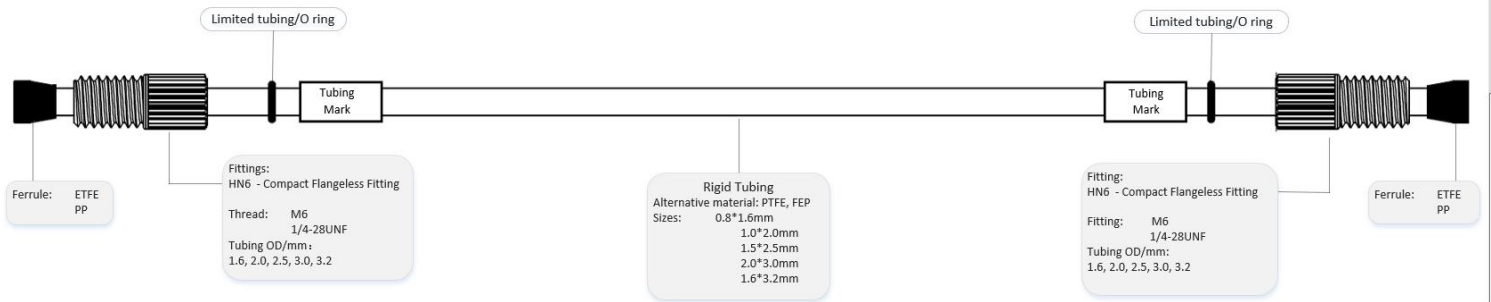
Matched Tubing

Tubing OD/mm	Ferrule	Compact Flangeless Fitting	
		HN6-M6/U28-16	HN6-M6/U28-32
1.6	CL-0X-16	●	
2.0	CL-0X-20		●
2.5	CL-0X-25		●
3.0	CL-0X-30		●
3.2	CL-0X-32		●

Ordering Information

Part No.	Model	Thread	Tubing OD /mm	Material	Description
809732	HN6-M6-16-PK-N	M6	1.6	PEEK-Natural	Compact flangeless fitting HN6-M6-16-PK-N 809732
809776	HN6-M6-16-PV-N	M6	1.6	PVDF-Natural	Compact flangeless fitting HN6-M6-16-PV-N 809776
809777	HN6-M6-16-PS-B	M6	1.6	PPS-Black	Compact flangeless fitting HN6-M6-16-PS-B 809777
809797	HN6-M6-16-AC-B	M6	1.6	POM-Black	Compact flangeless fitting HN6-M6-16-AC-B 809797
809733	HN6-M6-32-PK-N	M6	2.0/2.5/3.0/3.2	PEEK-Natural	Compact flangeless fitting HN6-M6-32-PK-N 809733
809778	HN6-M6-32-PV-N	M6	2.0/2.5/3.0/3.2	PVDF-Natural	Compact flangeless fitting HN6-M6-32-PV-N 809778
809779	HN6-M6-32-PS-B	M6	2.0/2.5/3.0/3.2	PPS-Black	Compact flangeless fitting HN6-M6-32-PS-B 809779
809798	HN6-M6-32-AC-B	M6	2.0/2.5/3.0/3.2	POM-Black	Compact flangeless fitting HN6-M6-32-AC-B 809798
809730	HN6-U28-16-PK-N	1/4-28UNF	1.6	PEEK-Natural	Compact flangeless fitting HN6-U28-16-PK-N 809730
809772	HN6-U28-16-PV-N	1/4-28UNF	1.6	PVDF-Natural	Compact flangeless fitting HN6-U28-16-PV-N 809772
809773	HN6-U28-16-PS-B	1/4-28UNF	1.6	PPS-Black	Compact flangeless fitting HN6-U28-16-PS-B 809773
809800	HN6-U28-16-AC-B	1/4-28UNF	1.6	POM-Black	Compact flangeless fitting HN6-U28-16-AC-B 809800
809649	HN6-U28-32-PK-N	1/4-28UNF	2.0/2.5/3.0/3.2	PEEK-Natural	Compact flangeless fitting HN6-U28-32-PK-N 809649
809774	HN6-U28-32-PV-N	1/4-28UNF	2.0/2.5/3.0/3.2	PVDF-Natural	Compact flangeless fitting HN6-U28-32-PV-N 809774
809775	HN6-U28-32-PS-B	1/4-28UNF	2.0/2.5/3.0/3.2	PPS-Black	Compact flangeless fitting HN6-U28-32-PS-B 809775
809793	HN6-U28-32-AC-B	1/4-28UNF	2.0/2.5/3.0/3.2	POM-Black	Compact flangeless fitting HN6-U28-32-AC-B 809793

Tubing assemblies

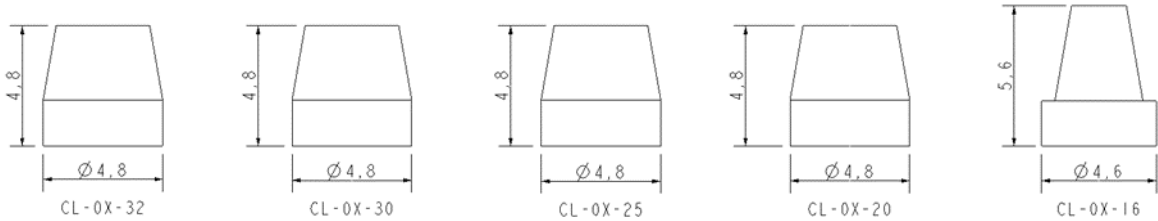


4.6 CL-0X Ferrule

Feature

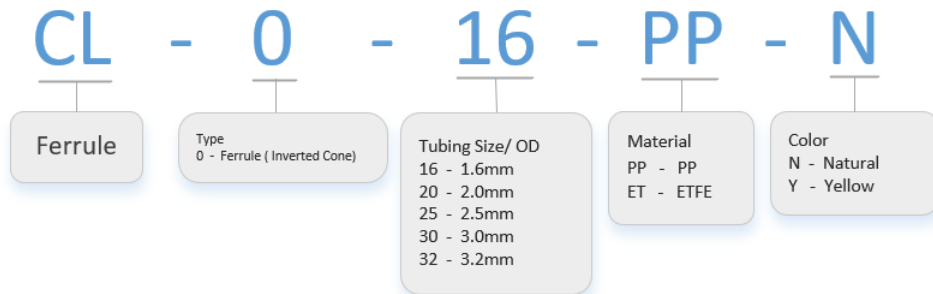
- Use with HN/HN6 fitting, the ferrule is compatible with various sizes of rigid tubing.

Illustration



Note: The outline dimension is shown above.

Model Interpretation



E.g.: CL-0-16-PP-N, Inverted Cone Ferrule, OD/1.6mm, PP, Natural

Matched Fitting

Tubing OD	1.6mm	2.0mm	2.5mm	3.0mm	3.2mm
Standard Flangeless Fitting (HN)	HN-M6/U28-16	HN-M6/U28-32			
Compact Flangeless Fitting (HN6)	HN6-M6/U28-16	HN6-M6/U28-32			
Ferrule (CL-0X)	CL-0X-16	CL-0X-20	CL-0X-25	CL-0X-30	CL-0X-32

Ordering Information

Part No.	Model	Tubing OD /mm	Material	Description
809731	CL-0X-16-ET-N	1.6	ETFE-Natural	Ferrule CL-0X-16-ET-N 809731
809734	CL-0X-20-ET-N	2.0	ETFE-Natural	Ferrule CL-0X-20-ET-N 809734
809735	CL-0X-25-ET-N	2.5	ETFE-Natural	Ferrule CL-0X-25-ET-N 809735
809736	CL-0X-30-ET-N	3.0	ETFE-Natural	Ferrule CL-0X-30-ET-N 809736
809780	CL-0X-32-ET-N	3.2	ETFE-Natural	Ferrule CL-0X-32-ET-N 809780
809650	CL-0X-32-ET-Y	3.2	ETFE-Yellow	Ferrule CL-0X-32-ET-Y 809650

4.7 HSF6-Compact Clamp Ring Flangeless Fitting Kit

Feature

Clamp ring flangeless fitting kit consists of three parts: clamp ring, ferrule, clamp ring flangeless fitting. Should be used cooperatively with clamp ring or flanged ferrule.

It is suitable for installing with specialized tool in small space. It is an interference fit and the parts will squeeze each other to form seals.

- Applied to rigid tubing (e. g. PTFE, FEP tubing) with OD: 1.6mm, 2.0mm, 2.5mm, 3.0mm, 3.2mm
- Can be dismantled and disassembled repeatedly
- Alternative thread: 1/4-28UNF, M6

Illustration



Note: The outline dimension is shown above.

Model Interpretation



E. g.
HSF6-U28-16-PS-B refers to Compact Clamp Ring Flangeless Fitting, 1/4 -28UNF thread, 1.6mm OD tubing, PPS, Black

Matching Information

Tubing OD	1.6mm	2.0mm	2.5mm	3.0mm	3.2mm
Fittings (HSF6)	HSF6-M6/U28-16	HSF6-M6/U28-32			
Clamp Ring (CL)	CL-1S-16	CL-1S-20	CL-1S-25	CL-1S-30	CL-1S-32
Flanged Ferrule (WS)	WSS-16	WSS-20	WSS-25	WSS-30	WSS-32

Ordering Information

Part No.	Model	Thread	Tubing OD/mm	Material	Description
809814	HSF6-U28-16-PS-B	1/4-28UNF	1.6	PPS-Black	Compact Clamp Ring Flangeless Fitting HSF6-U28-16-PS-B 809814
809815	HSF6-U28-32-PS-B	1/4-28UNF	2.0/2.5/3.0/3.2	PPS-Black	Compact Clamp Ring Flangeless Fitting HSF6-U28-32-PS-B 809815
809816	HSF6-M6-16-PS-B	M6	1.6	PPS-Black	Compact Clamp Ring Flangeless Fitting HSF6-M6-16-PS-B 809816
809817	HSF6-M6-32-PS-B	M6	2.0/2.5/3.0/3.2	PPS-Black	Compact Clamp Ring Flangeless Fitting HSF6-M6-32-PS-B 809817

Accessories Illustration



Ordering Information

Part No.	Model	Tubing OD /mm	Material	Description
809806	WSS-16-PK-N	1.6	PEEK-Natural	Flanged Ferrule WSS-16-PK-N 809806
809807	WSS-20-PK-N	2.0	PEEK-Natural	Flanged Ferrule WSS-20-PK-N 809807
809808	WSS-25-PK-N	2.5	PEEK-Natural	Flanged Ferrule WSS-25-PK-N 809808
809809	WSS-32-PK-N	3.0/3.2	PEEK-Natural	Flanged Ferrule WSS-32-PK-N 809809
809810	WSS-16-SS-N	1.6	SUS-Natural	Flanged Ferrule WSS-16-SS-N 809810
809811	WSS-20-SS-N	2.0	SUS-Natural	Flanged Ferrule WSS-20-SS-N 809811
809812	WSS-25-SS-N	2.5	SUS-Natural	Flanged Ferrule WSS-25-SS-N 809812
809813	WSS-32-SS-N	3.0/3.2	SUS-Natural	Flanged Ferrule WSS-32-SS-N 809813

Accessories Ordering Information

Part No.	Model	Tubing OD /mm	Material	Description
809801	CL-1S-16	1.6	PEEK Ferrule & SUS Clamp Ring	Clamp Ring & Ferrule CL-1S-16 809801
809802	CL-1S-20	2.0	PEEK Ferrule & SUS Clamp Ring	Clamp Ring & Ferrule CL-1S-20 809802
809803	CL-1S-25	2.5	PEEK Ferrule & SUS Clamp Ring	Clamp Ring & Ferrule CL-1S-25 809803
809804	CL-1S-30	3.0	PEEK Ferrule & SUS Clamp Ring	Clamp Ring & Ferrule CL-1S-30 809804
809805	CL-1S-32	3.2	PEEK Ferrule & SUS Clamp Ring	Clamp Ring & Ferrule CL-1S-32 809805

Part No.	Model	Tubing OD /mm	Material	Description
809653	CL-1X-16	1.6	PEEK Ferrule & SUS Clamp Ring	Clamp Ring & Ferrule CL-1X-16 809653
809251	HFL6-U40-16-PK-N	1.6	PEEK-Natural	Compact Flanged Fitting HFL6-U40-16-PK-N 809251

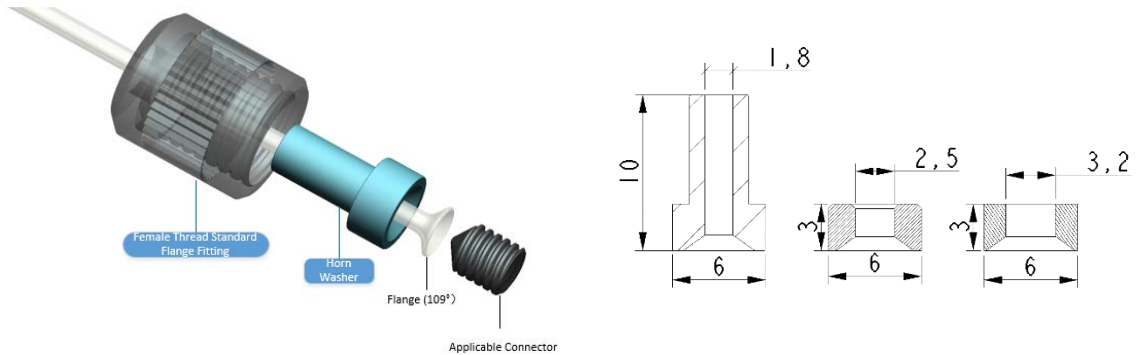
Note: Clamp Ring & Ferrule 809653 should be used cooperatively with Flanged Fitting 809251, tubing OD 1.6mm.

4.8 CL-3 Flared Gasket

Feature

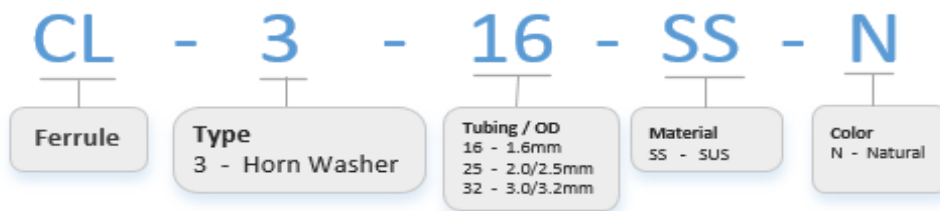
- Use together with tubing of 109° flange, It is applicable for male thread (M8*1) with taper.
- Tubing OD: 1.6 - 3.2mm

Illustration



Note: The outline dimension is shown above. The Flared Gasket must be used cooperatively with female thread flange fitting.

Model Interpretation



E.g. : CL-3-16-SS-N, Horn Washer, OD 1.6mm, SUS, Natural

Matched Fittings

Tubing OD (mm)	1.6	2.0/2.5	3.0/3.2
Flared Gasket	CL-3-16	CL-3-25	CL-3-32
Flanged Fitting with Female-thread	HFL-M8F-32-SS-N		

Ordering Information

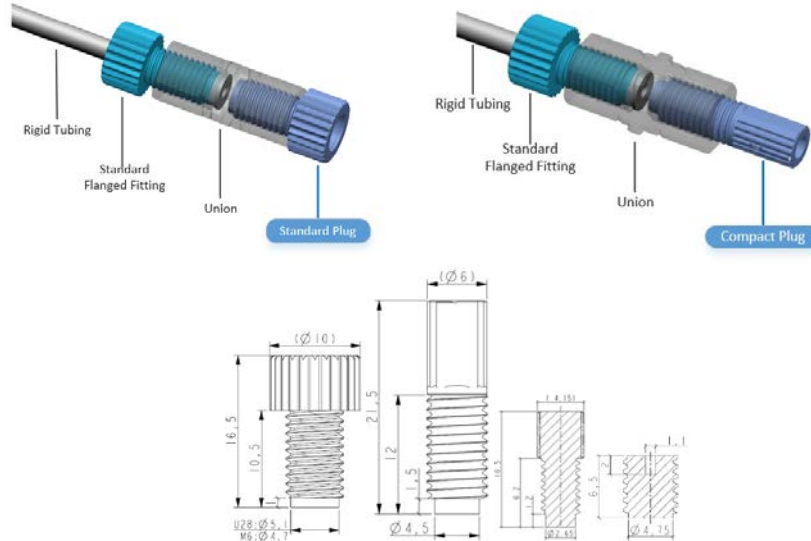
Part No.	Model	Tubing OD /mm	Material	Description
809404	CL-3-16-SS-N	1.6	SUS-Natural	Flared Gasket CL-3-16-SS-N 809404
809418	CL-3-25-SS-N	2.5	SUS-Natural	Flared Gasket CL-3-25-SS-N 809418
809405	CL-3-32-SS-N	3.2	SUS-Natural	Flared Gasket CL-3-32-SS-N 809405
809652	HFL-M8F-32-SS-N	1.6/2.0/2.5/3.0/3.2	SUS-Natural	Flanged Fitting with Female-thread HFL-M8F-32-SS-N 809652

4.9 HBL-Standard Plug

Feature

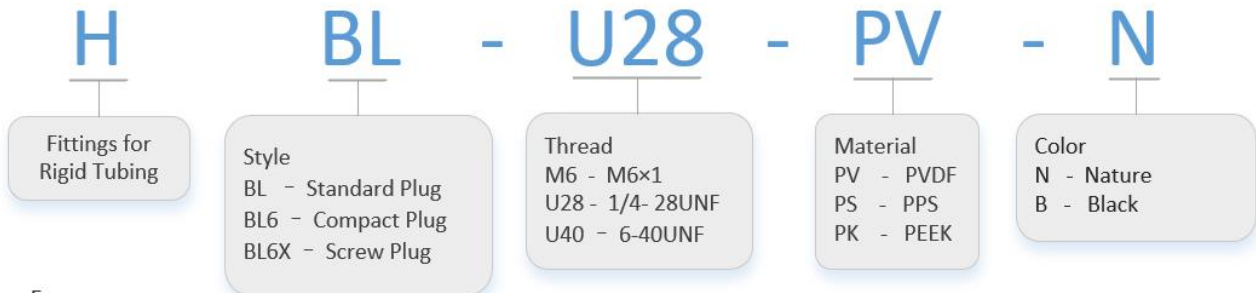
- Block of liquid circulation.
- Alternative thread: 1/4-28UNF, M6, 6-40UNF

Illustration



Note: The outline dimension is shown above.

Model Interpretation



E. g.
 HBL-U28-PV-N refers to Standard Plug, 1/4-28UNF thread, PVDF, Natural

Ordering Information

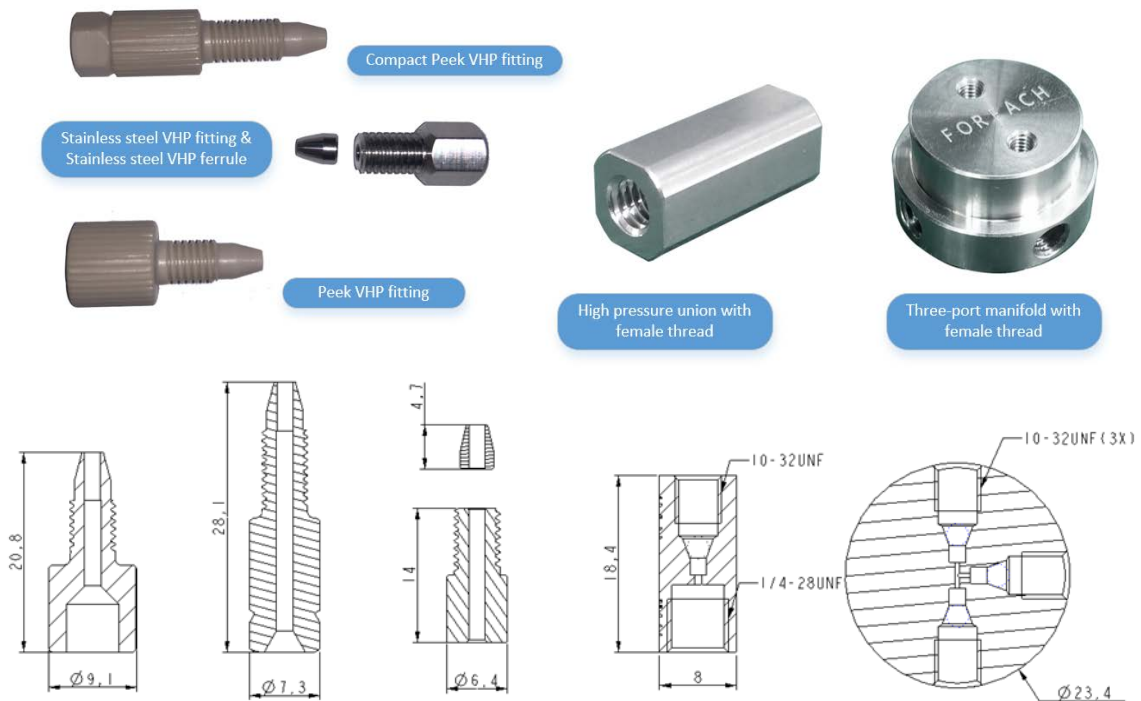
Part No.	Model	Thread	Material	Description
809180	HBL-M6-PV-N	M6	PVDF-Natural	Standard Plug HBL-M6-PV-N 809180
809178	HBL-U28-PV-N	1/4-28UNF	PVDF-Natural	Standard Plug HBL-U28-PV-N 809178
809189	HBL6-M6-PS-B	M6	PPS-Black	Compact Plug HBL6-M6-PS-B 809189
809184	HBL6-U28-PS-B	1/4-28UNF	PPS-Black	Compact Plug HBL6-U28-PS-B 809184
809254	HBL6-U40-PK-N	6-40UNF	PEEK-Natural	Compact Plug HBL6-U40-PK-N 809254
809527	HBL6X-U28-PV-N	1/4-28UNF	PVDF-Natural	Screw plug HBL6X-U28-PV-N 809527
809526	HBL6X-M6-PV-N	M6	PVDF-Natural	Screw plug HBL6X-M6-PV-N 809526

5. P-VHP Fitting

Feature

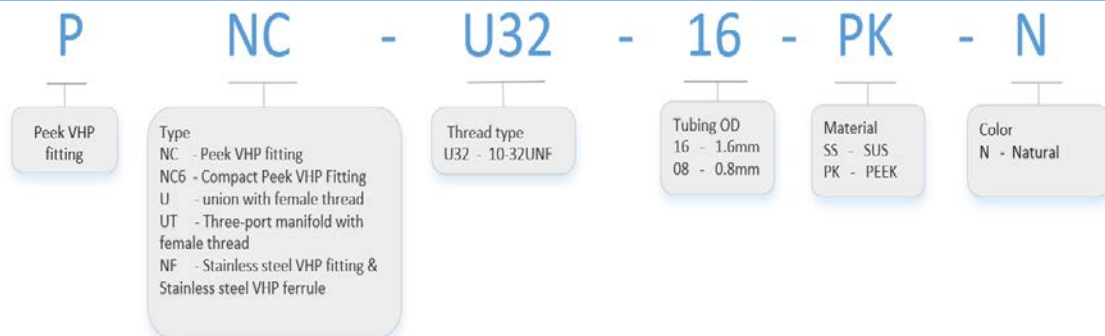
- Installing without specialized tool. The extrusion between pyramidal face makes a reliable sealing
- Application: high-pressure hydraulic fittings and connectors (e. g. HPLC, UHPLC, UPLC, NanoLC, etc.)
- Compression resistance properties:30MPa
- Alternative thread: 10-32UNF

Illustration



Note: the outline drawing of 10-32UNF is shown above; diameter of bore is the tubing OD .

Model Interpretation



e.g.
PNC-U32-16-PK-N, Peek VHP fitting, 10-32UNF, tubing OD 1.6mm, PEEK, natural.

Ordering Information

Part No.	Model	Thread	Tubing OD /mm	Material	Description
809660	PNC-U32-16-PK-N	10-32UNF	1.6	PEEK-Natural	Peek VHP FittingPNC-U32-16-PK-N 809660
809316	PNC-U32-16-PK-N	10-32UNF	1.6	PEEK-Natural	Peek VHP Fitting PNC-U32-16-PK-N 809316 (small)
809791	PNC-U32-16-PK-N	10-32UNF	1.6	PEEK-Natural	Peek VHP Fitting PNC-U32-16-PK-N 809791
809661	PNC6-U32-16-PK-N	10-32UNF	1.6	PEEK-Natural	Compact Peek VHP FittingPNC6-U32-16-PK-N809661
809696	PNF-U32-16-SS-N	10-32UNF	1.6	SUS-Natural	Stainless steel VHP fitting & Stainless steel VHP ferrule PNF-U32-16-SS-N 809696
809664	PUT-U32-05-SS-N	10-32UNF	/	SUS-Natural	Three-port manifold with female thread PUT-U32-05-SS-N809664

Note: 809660 is applied to tubing with 1.6 to 1.65mm OD and 809316 is applied to tubing with 1.57 to 1.59mm OD.

Part No.	Model	Thread 1	Thread 2	Material	Description
809659	PU-U32-U28-08-SS-N	10-32UNF	1/4-28UNF	SUS-Natural	High pressure union with female thread PU-U32-U28-08-SS-N 809659
809317	PU-U32-08-SS-N	10-32UNF	10-32UNF	SUS-Natural	High pressure union with female thread PU-U32-08-SS-N 809317

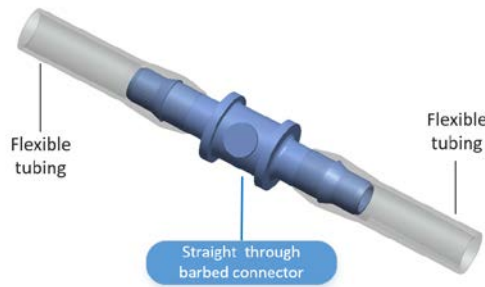
6. B-Barbed Connector

6.1 BA-Straight Through

Feature

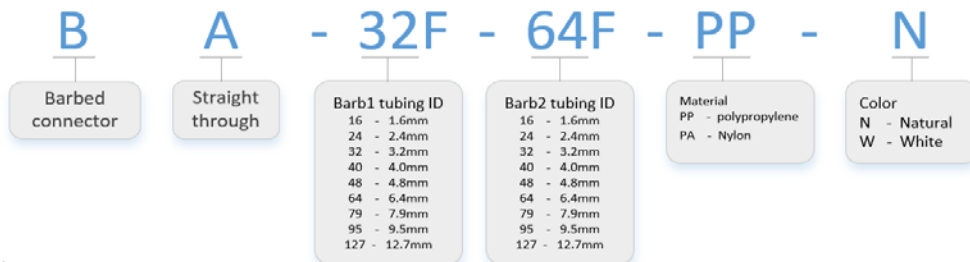
- Use for connection between flexible tubing.
- Alternative material: PP, PA

Illustration



Note: Please consult the supplier for drawings of relevant dimension

Model Interpretation



Note:

- Explanation of the letter after tubing ID
 - F: Semi-rigid tubing (e.g. PU tubing) is recommended
 - the others: flexible tubing (e.g. TPE tubing, PVC tubing, silicon tubing, etc.) is recommended
- Model redact rules:
 - reduction barbed connection: orders of tubing size from small to large. E.g. BA-16-32-PP-N
 - equal diameter barbed connector: omit to single size. E.g. BA-16-16-PP-N to BA-16-PP-N

E.g.

BA-32F-64F-PP-N, straight through reduction barbed connector, tubing ID of barb1 is 3.2mm, tubing ID of barb2 is 6.4mm, PP, natural.

Ordering Information

Part No.	Model	Tubing ID /mm	Material	Description
809547	BA-16C-PP-N	1.6	PP-Natural	Straight Through Barbed Connector BA-16C-PP-N 809547
809300	BA-16C-PA-W	1.6	PA-White	Straight Through Barbed Connector BA-16C-PA-W 809300
809626	BA-24D-PA-W	2.4	PA-White	Straight Through Barbed Connector BA-24D-PA-W 809626
809625	BA-24D-PP-N	2.4	PP-Natural	Straight Through Barbed Connector BA-24D-PP-N 809625
809628	BA-32D-PA-W	3.2	PA-White	Straight Through Barbed Connector BA-32D-PA-W 809628
809627	BA-32D-PP-N	3.2	PP-Natural	Straight Through Barbed Connector BA-32D-PP-N 809627
809425	BA-64C-PA-W	6.4	PA-White	Straight Through Barbed Connector BA-64C-PA-W 809425

809424	BA-64C-PP-N	6.4	PP-Natural	Straight Through Barbed Connector BA-64C-PP-N 809424
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Note: Following are Ordering Information for Straight Through Barbed Connector of 400(F) series.

Part No.	Model	Tubing ID /mm	Material	Description
809321	BA-16F-PA-W	1.6	PA-White	Straight Through Barbed Connector BA-16F-PA-W 809321
809276	BA-16F-PP-N	1.6	PP-Natural	Straight Through Barbed Connector BA-16F-PP-N 809276
809324	BA-24F-PA-W	2.4	PA-White	Straight Through Barbed Connector BA-24F-PA-W 809324
809277	BA-24F-PP-N	2.4	PP-Natural	Straight Through Barbed Connector BA-24F-PP-N 809277
809328	BA-32F-PA-W	3.2	PA-White	Straight Through Barbed Connector BA-32F-PA-W 809328
809278	BA-32F-PP-N	3.2	PP-Natural	Straight Through Barbed Connector BA-32F-PP-N 809278
809329	BA-40F-PA-W	4.0	PA-White	Straight Through Barbed Connector BA-40F-PA-W 809329
809279	BA-40F-PP-N	4.0	PP-Natural	Straight Through Barbed Connector BA-40F-PP-N 809279
809322	BA-16F-24F-PA-W	1.6-2.4	PA-White	Straight Through Barbed Connector BA-16F-24F-PA-W 809322
809288	BA-16F-24F-PP-N	1.6-2.4	PP-Natural	Straight Through Barbed Connector BA-16F-24F-PP-N 809288
809788	BA-16F-24F-PV-N	1.6-2.4	PVDF-Natural	Straight Through Barbed Connector BA-16F-24F-PV-N 809788
809332	BA-16F-32F-PA-W	1.6-3.2	PA-White	Straight Through Barbed Connector BA-16F-32F-PA-W 809332
809330	BA-16F-32F-PP-N	1.6-3.2	PP-Natural	Straight Through Barbed Connector BA-16F-32F-PP-N 809330
809325	BA-24F-32F-PA-W	2.4-3.2	PA-White	Straight Through Barbed Connector BA-24F-32F-PA-W 809325
809289	BA-24F-32F-PP-N	2.4-3.2	PP-Natural	Straight Through Barbed Connector BA-24F-32F-PP-N 809289

Note: Following are Ordering Information for Straight through reduction barbed connector.

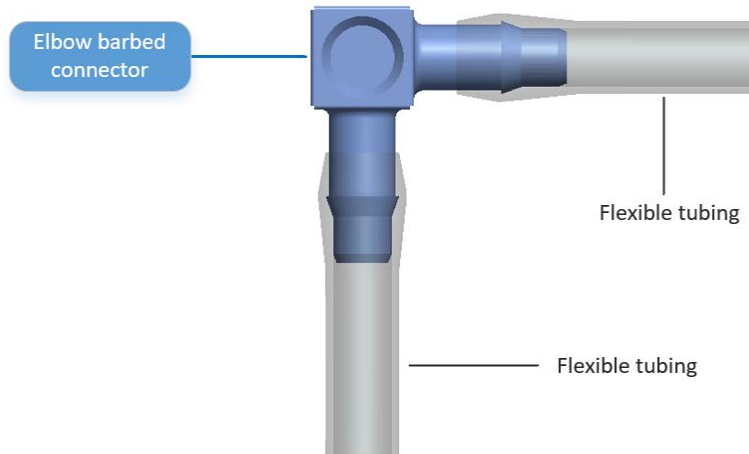
Part No.	Model	Tubing ID /mm	Material	Description
809605	BA-16D-24D-PA-W	1.6-2.4	PA-White	Straight Through Barbed Connector BA-16D-24D-PA-W 809605
809604	BA-16D-24D-PP-N	1.6-2.4	PP-Natural	Straight Through Barbed Connector BA-16D-24D-PP-N 809604
809630	BA-16D-32D-PA-W	1.6-3.2	PA-White	Straight Through Barbed Connector BA-16D-32D-PA-W 809630
809629	BA-16D-32D-PP-N	1.6-3.2	PP-Natural	Straight Through Barbed Connector BA-16D-32D-PP-N 809629
809607	BA-24D-32D-PA-W	2.4-3.2	PA-White	Straight Through Barbed Connector BA-24D-32D-PA-W 809607
809606	BA-24D-32D-PP-N	2.4-3.2	PP-Natural	Straight Through Barbed Connector BA-24D-32D-PP-N 809606
809377	BA-24V-40V-PA-W	2.4-4.0	PA-White	Straight Through Barbed Connector BA-24V-40V-PA-W 809377
809376	BA-24V-40V-PP-N	2.4-4.0	PP-Natural	Straight Through Barbed Connector BA-24V-40V-PP-N 809376
809520	BA-24C-48C-PA-W	2.4-4.8	PA-White	Straight Through Barbed Connector BA-24C-48C-PA-W 809520
809519	BA-24C-48C-PP-N	2.4-4.8	PP-Natural	Straight Through Barbed Connector BA-24C-48C-PP-N 809519
809375	BA-32V-40V-PA-W	3.2-4.0	PA-White	Straight Through Barbed Connector BA-32V-40V-PA-W 809375
809374	BA-32V-40V-PP-N	3.2-4.0	PP-Natural	Straight Through Barbed Connector BA-32V-40V-PP-N 809374
809371	BA-32C-64C-PA-W	3.2-6.4	PA-White	Straight Through Barbed Connector BA-32C-64C-PA-W 809371
809370	BA-32C-64C-PP-N	3.2-6.4	PP-Natural	Straight Through Barbed Connector BA-32C-64C-PP-N 809370
809379	BA-64V-79V-PA-W	6.4-7.9	PA-White	Straight Through Barbed Connector BA-64V-79V-PA-W 809379
809378	BA-64V-79V-PP-N	6.4-7.9	PP-Natural	Straight Through Barbed Connector BA-64V-79V-PP-N 809378
809427	BA-64V-95V-PA-W	6.4-9.5	PA-White	Straight Through Barbed Connector BA-64V-95V-PA-W 809427
809426	BA-64V-95V-PP-N	6.4-9.5	PP-Natural	Straight Through Barbed Connector BA-64V-95V-PP-N 809426
809429	BA-64X-127X-PA-W	6.4-12.7	PA-White	Straight Through Barbed Connector BA-64X-127X-PA-W 809429
809428	BA-64X-127X-PP-N	6.4-12.7	PP-Natural	Straight Through Barbed Connector BA-64X-127X-PP-N 809428

6.2 BL-Elbow

Feature

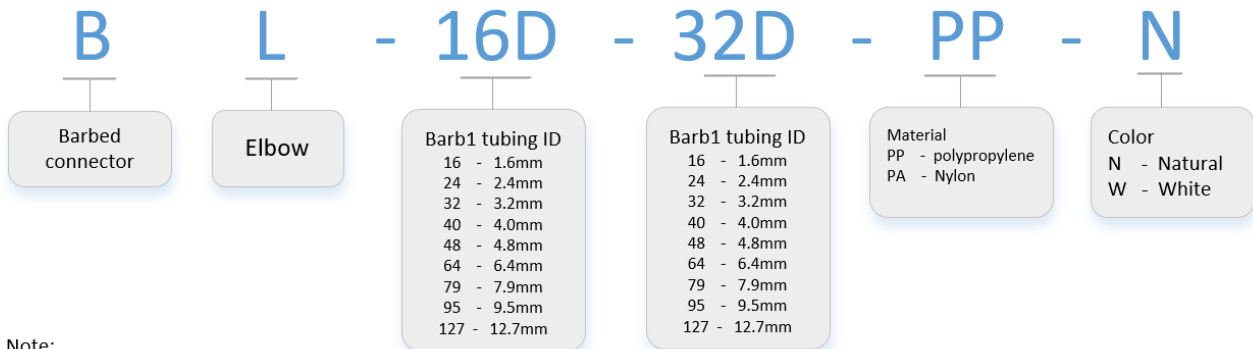
- Alternative material: PP, PA

Illustration



Note: Please consult the supplier for drawings of relevant dimension

Model Interpretation



Note:

1. Explanation of the letter after tubing ID

- 1) F: Semi-rigid tubing (e.g. PU tubing) is recommended
- 2) the others: flexible tubing (e.g. TPE tubing, PVC tubing, silicon tubing, etc.) is recommended

2. Model redact rules:

- 1) reduction barbed connection: orders of tubing size from small to large. E.g. BL-16-32-PP-N
- 2) equal diameter barbed connector: omit to single size. E.g. BL-16-16-PP-N to BL-16-PP-N

E.g.

BL-16-32-PP-N, elbow reduction barbed connector, tubing ID of barb1 and barb2 are 1.6mm and 3.2mm respectively, PP, natural

Ordering Information

Part No.	Model	Tubing ID /mm	Material	Description
809633	BL-16D-PA-W	1.6	PA-White	Elbow Barbed Connector BL-16D-PA-W 809633
809632	BL-16D-PP-N	1.6	PP-Natural	Elbow Barbed Connector BL-16D-PP-N 809632
809635	BL-24D-PA-W	2.4	PA-White	Elbow Barbed Connector BL-24D-PA-W 809635
809634	BL-24D-PP-N	2.4	PP-Natural	Elbow Barbed Connector BL-24D-PP-N 809634
809637	BL-32D-PA-W	3.2	PA-White	Elbow Barbed Connector BL-32D-PA-W 809637
809636	BL-32D-PP-N	3.2	PP-Natural	Elbow Barbed Connector BL-32D-PP-N 809636
809350	BL-95D-PA-W	9.5	PA-White	Elbow Barbed Connector BL-95D-PA-W 809350
809362	BL-95D-PP-N	9.5	PP-Natural	Elbow Barbed Connector BL-95D-PP-N 809362
809645	BL-127V-PP-N	12.7	PP-Natural	Elbow Barbed Connector BL-127V-PP-N 809645

Note: Following are Ordering Information for equal diameter Elbow Barbed Connector of 400(F) series.

Part No.	Model	Tubing ID /mm	Material	Description
809345	BL-16F-PA-W	1.6	PA-White	Elbow Barbed Connector BL-16F-PA-W 809345
809357	BL-16F-PP-N	1.6	PP-Natural	Elbow Barbed Connector BL-16F-PP-N 809357
809346	BL-24F-PA-W	2.4	PA-White	Elbow Barbed Connector BL-24F-PA-W 809346
809358	BL-24F-PP-N	2.4	PP-Natural	Elbow Barbed Connector BL-24F-PP-N 809358
809347	BL-32F-PA-W	3.2	PA-White	Elbow Barbed Connector BL-32F-PA-W 809347
809359	BL-32F-PP-N	3.2	PP-Natural	Elbow Barbed Connector BL-32F-PP-N 809359
809348	BL-40F-PA-W	4.0	PA-White	Elbow Barbed Connector BL-40F-PA-W 809348
809360	BL-40F-PP-N	4.0	PP-Natural	Elbow Barbed Connector BL-40F-PP-N 809360
809349	BL-64F-PA-W	6.4	PA-White	Elbow Barbed Connector BL-64F-PA-W 809349
809361	BL-64F-PP-N	6.4	PP-Natural	Elbow Barbed Connector BL-64F-PP-N 809361

Note: Following are Ordering Information for Elbow reduction barbed connector.

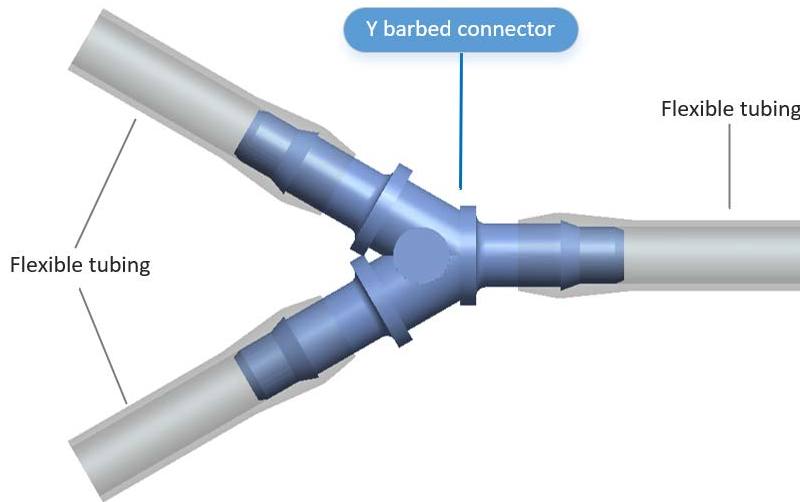
Part No.	Model	Tubing ID /mm	Material	Description
809639	BL-16D-24D-PA-W	1.6-2.4	PA-White	Elbow Barbed Connector BL-16D-24D-PA-W 809639
809638	BL-16D-24D-PP-N	1.6-2.4	PP-Natural	Elbow Barbed Connector BL-16D-24D-PP-N 809638
809641	BL-24D-32D-PA-W	2.4-3.2	PA-White	Elbow Barbed Connector BL-24D-32D-PA-W 809641
809640	BL-24D-32D-PP-N	2.4-3.2	PP-Natural	Elbow Barbed Connector BL-24D-32D-PP-N 809640
809643	BL-16D-32D-PA-W	1.6-3.2	PA-White	Elbow Barbed Connector BL-16D-32D-PA-W 809643
809642	BL-16D-32D-PP-N	1.6-3.2	PP-Natural	Elbow Barbed Connector BL-16D-32D-PP-N 809642

6.3 BY-Y Type

Feature

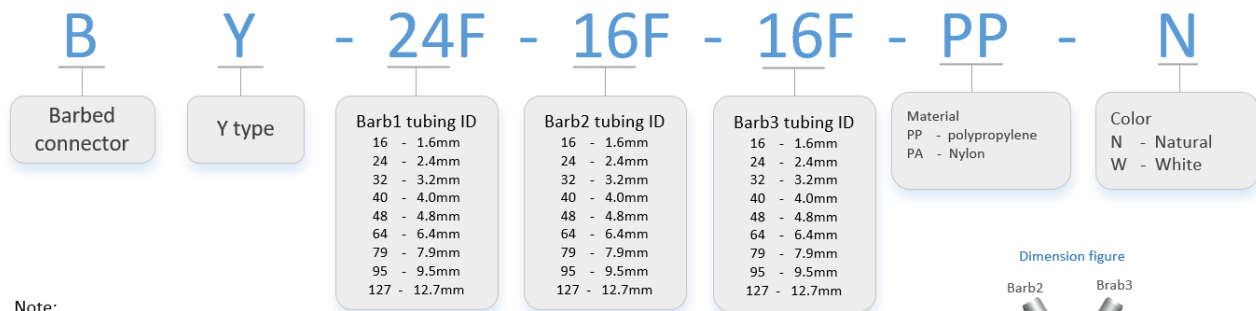
- Y Barbed Connector for flexible tubing, including equal diameter and reducer
- Alternative material: PP, PA

Illustration



Note: Please consult the supplier for drawings of relevant dimension

Model Interpretation

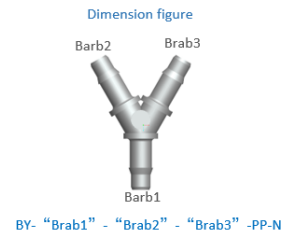


Note:

- Explanation of the letter after tubing ID
 - F: Semi-rigid tubing (e.g. PU tubing) is recommended
 - the others: flexible tubing (e.g. TPE tubing, PVC tubing, silicon tubing, etc.) is recommended
- Order of dimension: Barb 1, 2 and 3 can be found in the dimension figure.

E.g.

- BY-32F-PP-N, Y type barbed connector, tubing ID 3.2mm, PP, natural;
- BY-24F-16F-16F-PP-N, Y type reduction barbed connector, tubing ID of barb1, 2 and 3 are 2.4mm, 1.6mm and 1.6mm respectively, PP, natural



Ordering Information

Part No.	Model	Tubing ID /mm	Material	Description
809624	BY-16D-PA-W	1.6	PA-White	Y Barbed Connector BY-16D-PA-W 809624
809623	BY-16D-PP-N	1.6	PP-Natural	Y Barbed Connector BY-16D-PP-N 809623
809609	BY-24D-PA-W	2.4	PA-White	Y Barbed Connector BY-24D-PA-W 809609
809608	BY-24D-PP-N	2.4	PP-Natural	Y Barbed Connector BY-24D-PP-N 809608
809431	BY-32D-PA-W	3.2	PA-White	Y Barbed Connector BY-32D-PA-W 809431
809430	BY-32D-PP-N	3.2	PP-Natural	Y Barbed Connector BY-32D-PP-N 809430
809369	BY-40D-PA-W	4.0	PA-White	Y Barbed Connector BY-40D-PA-W 809369
809297	BY-40D-PP-N	4.0	PP-Natural	Y Barbed Connector BY-40D-PP-N 809297
809433	BY-95X-PA-W	9.5	PA-White	Y Barbed Connector BY-95X-PA-W 809433
809432	BY-95X-PP-N	9.5	PP-Natural	Y Barbed Connector BY-95X-PP-N 809432
809646	BY-127V-PP-N	12.7	PP-Natural	Y Barbed Connector BY-127V-PP-N 809646

Note: Following are Ordering Information for equal diameter Y Barbed Connector of 400(F) series.

Part No.	Model	Tubing ID /mm	Material	Description
809334	BY-16F-PA-W	1.6	PA-White	Y Barbed Connector BY-16F-PA-W 809334
809294	BY-16F-PP-N	1.6	PP-Natural	Y Barbed Connector BY-16F-PP-N 809294
809326	BY-24F-PA-W	2.4	PA-White	Y Barbed Connector BY-24F-PA-W 809326
809295	BY-24F-PP-N	2.4	PP-Natural	Y Barbed Connector BY-24F-PP-N 809295
809335	BY-32F-PA-W	3.2	PA-White	Y Barbed Connector BY-32F-PA-W 809335
809296	BY-32F-PP-N	3.2	PP-Natural	Y Barbed Connector BY-32F-PP-N 809296
809343	BY-48F-PA-W	4.8	PA-White	Y Barbed Connector BY-48F-PA-W 809343
809341	BY-48F-PP-N	4.8	PP-Natural	Y Barbed Connector BY-48F-PP-N 809341
809336	BY-64F-PA-W	6.4	PA-White	Y Barbed Connector BY-64F-PA-W 809336
809298	BY-64F-PP-N	6.4	PP-Natural	Y Barbed Connector BY-64F-PP-N 809298

Note: Following are Ordering Information for Y reduction barbed connector.

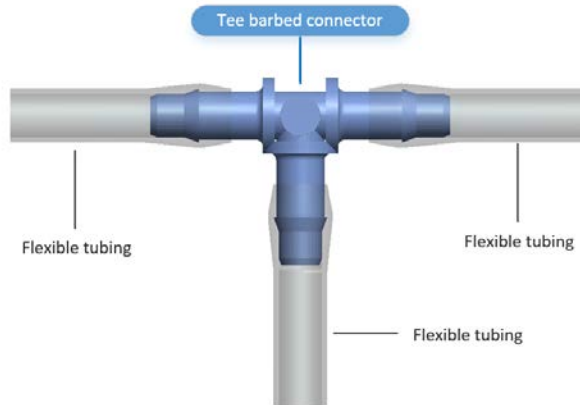
Part No.	Model	Tubing ID /mm	Material	Description
809381	BY-24D-16D-16D-PA-W	2.4-1.6-1.6	PA-White	Y Barbed Connector BY-24D-16D-16D-PA-W 809381
809380	BY-24D-16D-16D-PP-N	2.4-1.6-1.6	PP-Natural	Y Barbed Connector BY-24D-16D-16D-PP-N 809380
809435	BY-32D-16D-16D-PA-W	3.2-1.6-1.6	PA-White	Y Barbed Connector BY-32D-16D-16D-PA-W 809435
809434	BY-32D-16D-16D-PP-N	3.2-1.6-1.6	PP-Natural	Y Barbed Connector BY-32D-16D-16D-PP-N 809434
809437	BY-64D-32D-32D-PA-W	6.4-3.2-3.2	PA-White	Y Barbed Connector BY-64D-32D-32D-PA-W 809437
809436	BY-64D-32D-32D-PP-N	6.4-3.2-3.2	PP-Natural	Y Barbed Connector BY-64D-32D-32D-PP-N 809436

6.4 BT-Tee

Feature

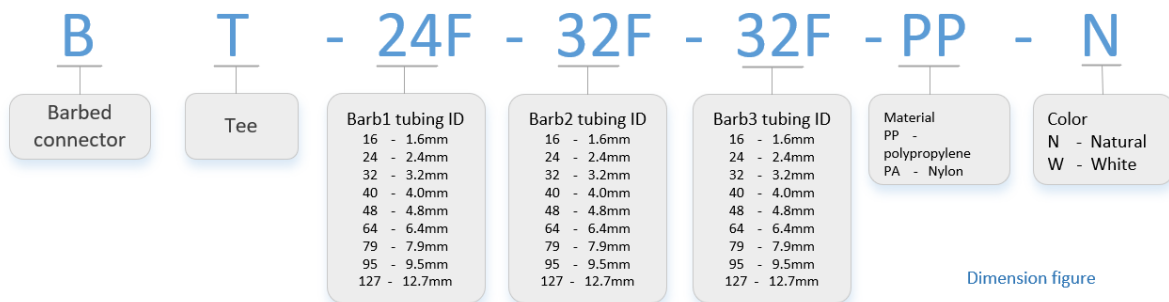
- Tee Barbed Connector for flexible tubing, including equal diameter and reducer
- Alternative material: PP, PA

Illustration



Note: Please consult the supplier for drawings of relevant dimension

Model Interpretation



Note:

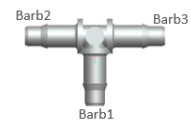
1. Explanation of the letter after tubing ID

- 1) F: Semi-rigid tubing (e.g. PU tubing) is recommended
 - 2) the others: flexible tubing (e.g. TPE tubing, PVC tubing, silicon tubing, etc.) is recommended
2. Order of dimension: Barb 1, 2 and 3 can be found in the dimension figure.

E.g.

- a. BT-32F-PP-N, Tee barbed connector, tubing ID 3.2mm, PP, natural;
- b. BT-24F-32F-32F-PP-N, Tee reduction barbed connector, tubing ID of barb1, 2 and 3 are 2.4mm, 3.2mm and 3.2mm respectively, PP, natural

Dimension figure



BT- "Barb1" - "Barb2" - "Barb3" -PP-N

Ordering Information

Part No.	Model	Tubing ID /mm	Material	Description
809545	BT-16D-PA-W	1.6	PA-White	Tee Barbed Connector BT-16D-PA-W 809545
809521	BT-16D-PP-N	1.6	PP-Natural	Tee Barbed Connector BT-16D-PP-N 809521
809611	BT-24D-PA-W	2.4	PA-White	Tee Barbed Connector BT-24D-PA-W 809611
809610	BT-24D-PP-N	2.4	PP-Natural	Tee Barbed Connector BT-24D-PP-N 809610
809622	BT-32D-PA-W	3.2	PA-White	Tee Barbed Connector BT-32D-PA-W 809622

809621	BT-32D-PP-N	3.2	PP-Natural	Tee Barbed Connector BT-32D-PP-N 809621
809439	BT-40C-PA-W	4.0	PA-White	Tee Barbed Connector BT-40C-PA-W 809439
809438	BT-40C-PP-N	4.0	PP-Natural	Tee Barbed Connector BT-40C-PP-N 809438
809441	BT-64C-PA-W	6.4	PA-White	Tee Barbed Connector BT-64C-PA-W 809441
809440	BT-64C-PP-N	6.4	PP-Natural	Tee Barbed Connector BT-64C-PP-N 809440
809443	BT-95X-PA-W	9.5	PA-White	Tee Barbed Connector BT-95X-PA-W 809443
809442	BT-95X-PP-N	9.5	PP-Natural	Tee Barbed Connector BT-95X-PP-N 809442
809644	BT-127V-PP-N	12.7	PP-Natural	Tee Barbed Connector BT-127V-PP-N 809644

Note: Following are Ordering Information for equal diameter Tee Barbed Connector of 400(F) series.

Part No.	Model	Tubing ID /mm	Material	Description
809337	BT-16F-PA-W	1.6	PA-White	Tee Barbed Connector BT-16F-PA-W 809337
809309	BT-16F-PP-N	1.6	PP-Natural	Tee Barbed Connector BT-16F-PP-N 809309
809327	BT-24F-PA-W	2.4	PA-White	Tee Barbed Connector BT-24F-PA-W 809327
809310	BT-24F-PP-N	2.4	PP-Natural	Tee Barbed Connector BT-24F-PP-N 809310
809338	BT-32F-PA-W	3.2	PA-White	Tee Barbed Connector BT-32F-PA-W 809338
809311	BT-32F-PP-N	3.2	PP-Natural	Tee Barbed Connector BT-32F-PP-N 809311

Note: Following are Ordering Information for Tee reduction barbed connector.

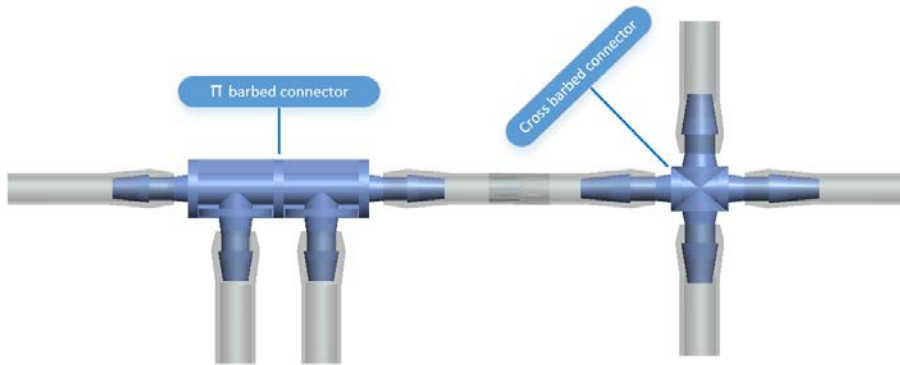
Part No.	Model	Tubing ID /mm	Material	Description
809447	BT-24D-24D-16D-PA-W	2.4-2.4-1.6	PA-White	Tee Barbed Connector BT-24D-24D-16D-PA-W 809447
809446	BT-24D-24D-16D-PP-N	2.4-2.4-1.6	PP-Natural	Tee Barbed Connector BT-24D-24D-16D-PP-N 809446
809445	BT-32D-32D-16D-PA-W	3.2-3.2-1.6	PA-White	Tee Barbed Connector BT-32D-32D-16D-PA-W 809445
809444	BT-32D-32D-16D-PP-N	3.2-3.2-1.6	PP-Natural	Tee Barbed Connector BT-32D-32D-16D-PP-N 809444
809449	BT-32D-32D-24D-PA-W	3.2-3.2-2.4	PA-White	Tee Barbed Connector BT-32D-32D-24D-PA-W 809449
809448	BT-32D-32D-24D-PP-N	3.2-3.2-2.4	PP-Natural	Tee Barbed Connector BT-32D-32D-24D-PP-N 809448
809451	BT-64D-64D-32D-PA-W	6.4-6.4-3.2	PA-White	Tee Barbed Connector BT-64D-64D-32D-PA-W 809451
809450	BT-64D-64D-32D-PP-N	6.4-6.4-3.2	PP-Natural	Tee Barbed Connector BT-64D-64D-32D-PP-N 809450
809410	BT-16D-24D-24D-PA-W	1.6-2.4-2.4	PA-White	Tee Barbed Connector BT-16D-24D-24D-PA-W 809410
809287	BT-16D-24D-24D-PP-N	1.6-2.4-2.4	PP-Natural	Tee Barbed Connector BT-16D-24D-24D-PP-N 809287
809453	BT-24D-32D-32D-PA-W	2.4-3.2-3.2	PA-White	Tee Barbed Connector BT-24D-32D-32D-PA-W 809453
809452	BT-24D-32D-32D-PP-N	2.4-3.2-3.2	PP-Natural	Tee Barbed Connector BT-24D-32D-32D-PP-N 809452
809455	BT-32D-16D-16D-PA-W	3.2-1.6-1.6	PA-White	Tee Barbed Connector BT-32D-16D-16D-PA-W 809455
809454	BT-32D-16D-16D-PP-N	3.2-1.6-1.6	PP-Natural	Tee Barbed Connector BT-32D-16D-16D-PP-N 809454
809457	BT-32D-24D-24D-PA-W	3.2-2.4-2.4	PA-White	Tee Barbed Connector BT-32D-24D-24D-PA-W 809457
809456	BT-32D-24D-24D-PP-N	3.2-2.4-2.4	PP-Natural	Tee Barbed Connector BT-32D-24D-24D-PP-N 809456
809459	BT-32D-64T-64T-PA-W	3.2-6.4-6.4	PA-White	Tee Barbed Connector BT-32D-64T-64T-PA-W 809459
809458	BT-32D-64T-64T-PP-N	3.2-6.4-6.4	PP-Natural	Tee Barbed Connector BT-32D-64T-64T-PP-N 809458
809461	BT-64V-95V-95V-PA-W	6.4-9.5-9.5	PA-White	Tee Barbed Connector BT-64V-95V-95V-PA-W 809461
809460	BT-64V-95V-95V-PP-N	6.4-9.5-9.5	PP-Natural	Tee Barbed Connector BT-64V-95V-95V-PP-N 809460

6.5 BF4-π Style

Feature

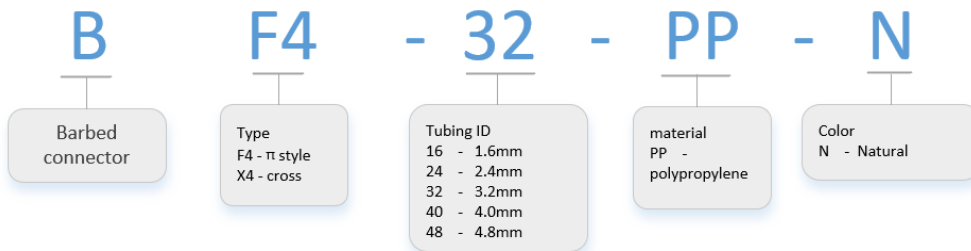
- π barbed connector and cross barbed connector for flexible tubing.
- Alternative material: PP

Illustration



Note: Please consult the supplier for drawings of relevant dimension

Model Interpretation



E.g.
BF4-32-PP-N, π barbed connector, tubing ID 3.2mm,
PP, natural

Ordering Information

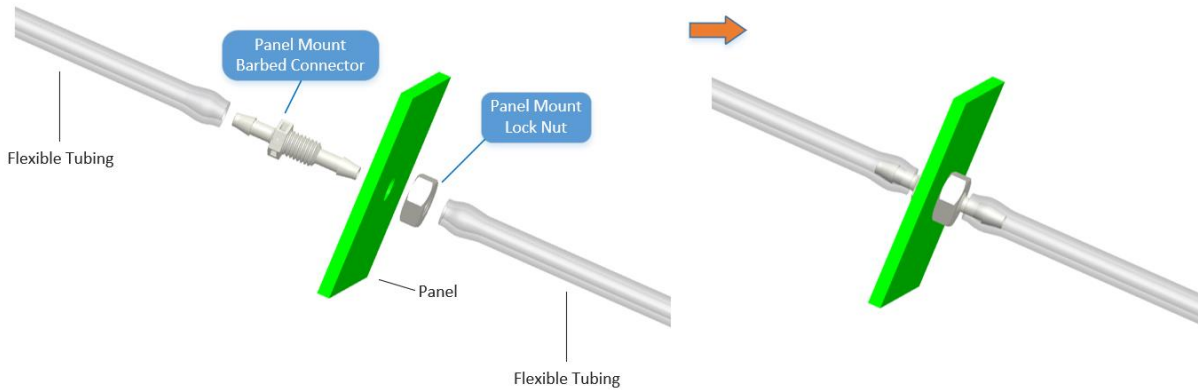
Part No.	Model	Tubing ID /mm	Style	Material	Description
806220	BX4-16-PP-N	1.6	Cross	PP-Natural	Cross Barbed Connector BX4-16-PP-N 806220
806192	BX4-24-PP-N	2.4	Cross	PP-Natural	Cross Barbed Connector BX4-24-PP-N 806192
806221	BX4-32-PP-N	3.2	Cross	PP-Natural	Cross Barbed Connector BX4-32-PP-N 806221
806222	BX4-40-PP-N	4.0	Cross	PP-Natural	Cross Barbed Connector BX4-40-PP-N 806222
806224	BF4-16-PP-N	1.6	π	PP-Natural	π Barbed Connector BF4-16-PP-N 806224
806055	BF4-24-PP-N	2.4	π	PP-Natural	π Barbed Connector BF4-24-PP-N 806055
806189	BF4-32-PP-N	3.2	π	PP-Natural	π Barbed Connector BF4-32-PP-N 806189
806190	BF4-40-PP-N	4.0	π	PP-Natural	π Barbed Connector BF4-40-PP-N 806190
806191	BF4-48-PP-N	4.8	π	PP-Natural	π Barbed Connector BF4-48-PP-N 806191

7. PMB-Panel Mount Barbed Connector

Feature

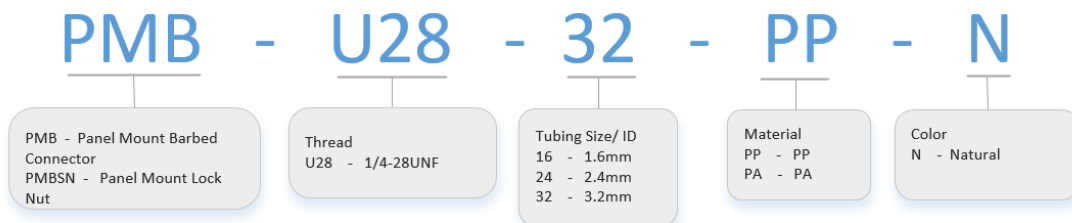
- Use for the connection between flexible tubing. The panel mounting function can realize the fixation of connector.
- Alternative material: PP

Illustration



Note: Please consult the supplier for drawings of relevant dimension

Model Interpretation



E.g1. : Panel Mount Barbed Connector
 PMB-U28-32-PP-N, 1/4-28UNF, ID 3.2mm, PP, Natural

E.g2. : Panel Mount Lock Nut
 PMBSN-U28-PP-N, 1/4-28UNF, PP, Natural

Ordering Information

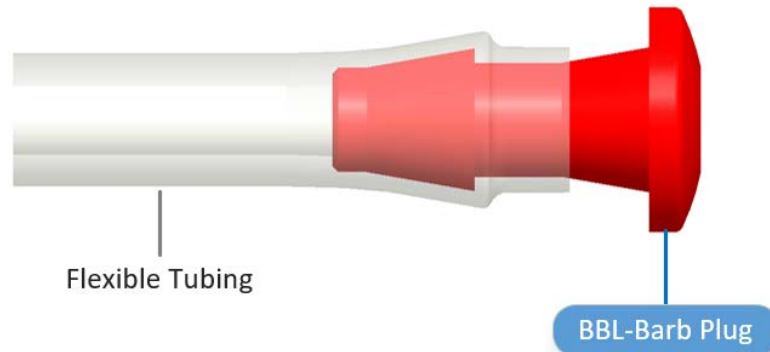
Part No.	Model	Tubing ID /mm	Material	Description
809304	PMB-U28-16D-PP-N	1.6	PP-Natural	Panel Mount Barbed Connector PMB-U28-16D-PP-N 809304
809517	PMB-U28-16D-PA-W	1.6	PA-White	Panel Mount Barbed Connector PMB-U28-16D-PA-W 809517
809462	PMB-U28-24D-PP-N	2.4	PP-Natural	Panel Mount Barbed Connector PMB-U28-24D-PP-N 809462
809496	PMB-U28-24D-PA-W	2.4	PA-White	Panel Mount Barbed Connector PMB-U28-24D-PA-W 809496
809463	PMB-U28-32D-PP-N	3.2	PP-Natural	Panel Mount Barbed Connector PMB-U28-32D-PP-N 809463
809497	PMB-U28-32D-PA-W	3.2	PA-White	Panel Mount Barbed Connector PMB-U28-32D-PA-W 809497
809464	PMBSN-U28-PP-N	/	PP-Natural	Panel Mount Nut PMBSN-U28-PP-N 809464

8. BBL-Barbed Plug

Feature

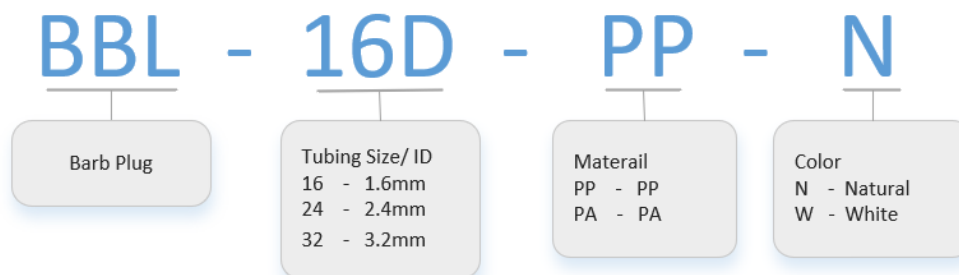
- Use on the flexible tubing end to block the circulation.
- Alternative material: PP, PA

Illustration



Note: Please consult the supplier for drawings of relevant dimension.

Model Interpretation



E.g. :
BBL-16D-PP-N, Barb Plug, ID 1.6mm, PP, Natural

Ordering Information

Part No.	Model	Tubing ID /mm	Material	Description
809283	BBL-16D-PP-N	1.6	PP-Natural	Barbed Plug BBL-16D-PP-N 809283
809406	BBL-16D-PA-W	1.6	PA-White	Barbed Plug BBL-16D-PA-W 809406
809284	BBL-24D-PP-N	2.4	PP-Natural	Barbed Plug BBL-24D-PP-N 809284
809407	BBL-24D-PA-W	2.4	PA-White	Barbed Plug BBL-24D-PA-W 809407
809285	BBL-32D-PP-N	3.2	PP-Natural	Barbed Plug BBL-32D-PP-N 809285
809408	BBL-32D-PA-W	3.2	PA-White	Barbed Plug BBL-32D-PA-W 809408

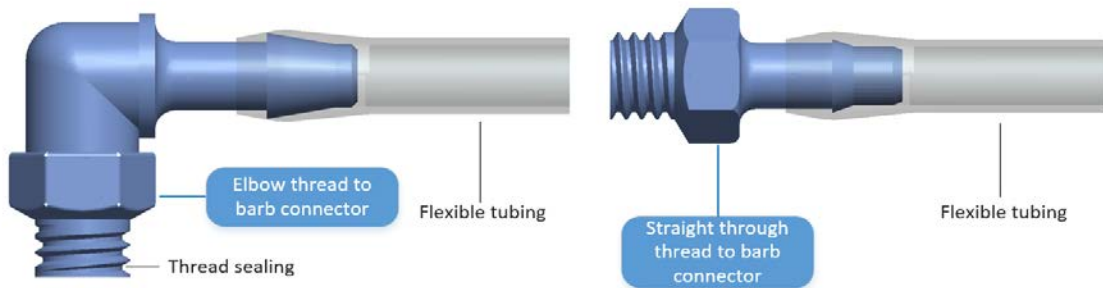
9. S-Thread to Barb Connector

9.1 SA-Male Thread to Barb Connector

Feature

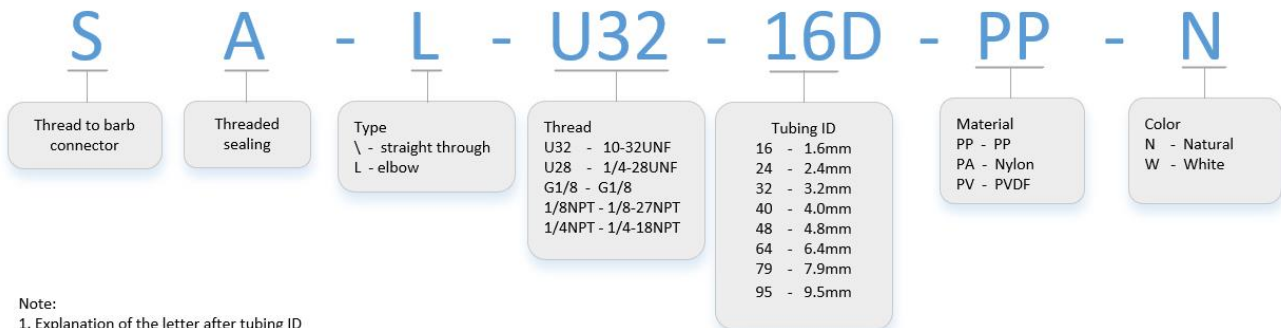
- Straight through and elbow type male thread to barb connector. Thread tape, thread locker is required for sealing.
- Threaded sealing
- Alternative material: PP, PA, PVDF

Illustration



Note: Please consult the supplier for drawings of relevant dimension.

Model Interpretation



Note:

1. Explanation of the letter after tubing ID

1) F: Semi-rigid tubing (e.g. PU tubing) is recommended

2) the others: flexible tubing (e.g. TPE tubing, PVC tubing, silicon tubing, etc.) is recommended

E.g.

SAL-U32-16F-PP-N, Elbow thread to barb connector, 10-32UNF, tubing ID 1.6mm, PP, natural

Ordering Information

Part No.	Model	Thread	Tubing ID /mm	Material	Description
809387	SAL-U28-16D-PA-W	1/4-28UNF	1.6	PA-White	Elbow Thread to Barb ConnectorSAL-U28-16D-PA-W 809387
809386	SAL-U28-16D-PP-N	1/4-28UNF	1.6	PP-Natural	Elbow Thread to Barb ConnectorSAL-U28-16D-PP-N 809386
809389	SAL-U28-32D-PA-W	1/4-28UNF	3.2	PA-White	Elbow Thread to Barb Connector SAL-U28-32D-PA-W 809389
809388	SAL-U28-32D-PP-N	1/4-28UNF	3.2	PP-Natural	Elbow Thread to Barb Connector SAL-U28-32D-PP-N 809388

809383	SAL-U32-16D-PA-W	10-32UNF	1.6	PA-White	Elbow Thread to Barb Connector SAL-U32-16D-PA-W 809383
809382	SAL-U32-16D-PP-N	10-32UNF	1.6	PP-Natural	Elbow Thread to Barb Connector SAL-U32-16D-PP-N 809382
809385	SAL-U32-32D-PA-W	10-32UNF	3.2	PA-White	Elbow Thread to Barb Connector SAL-U32-32D-PA-W 809385
809384	SAL-U32-32D-PP-N	10-32UNF	3.2	PP-Natural	Elbow Thread to Barb Connector SAL-U32-32D-PP-N 809384
809475	SAL-1/8NPT-64D-PP-N	1/8NPT	6.4	PP-Natural	Elbow Thread to Barb Connector SAL-1/8NPT-64D-PP-N 809475

Note: Following are Ordering Information for Straight Through Thread to Barb Connector.

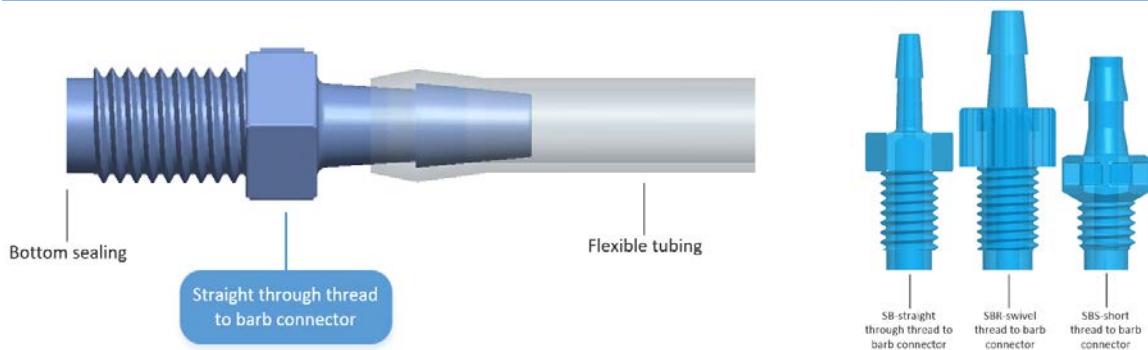
Part No.	Model	Thread	Tubing ID /mm	Material	Description
809339	SA-U32-16F-PA-W	10-32UNF	1.6	PA-White	Thread to Barb Connector SA-U32-16F-PA-W 809339
809267	SA-U32-16F-PP-N	10-32UNF	1.6	PP-Natural	Thread to Barb Connector SA-U32-16F-PP-N 809267
809323	SA-U32-24F-PA-W	10-32UNF	2.4	PA-White	Thread to Barb Connector SA-U32-24F-PA-W 809323
809268	SA-U32-24F-PP-N	10-32UNF	2.4	PP-Natural	Thread to Barb Connector SA-U32-24F-PP-N 809268
809340	SA-U32-32F-PA-W	10-32UNF	3.2	PA-White	Thread to Barb Connector SA-U32-32F-PA-W 809340
809269	SA-U32-32F-PP-N	10-32UNF	3.2	PP-Natural	Thread to Barb Connector SA-U32-32F-PP-N 809269
809465	SA-U28-16D-PP-N	1/4-28UNF	1.6	PP-Natural	Thread to Barb Connector SA-U28-16D-PP-N 809465
809466	SA-U28-24D-PP-N	1/4-28UNF	2.4	PP-Natural	Thread to Barb Connector SA-U28-24D-PP-N 809466
809467	SA-U28-32D-PP-N	1/4-28UNF	3.2	PP-Natural	Thread to Barb Connector SA-U28-32D-PP-N 809467
809468	SA-U28-40D-PP-N	1/4-28UNF	4.0	PP-Natural	Thread to Barb Connector SA-U28-40D-PP-N 809468
809469	SA-U28-48D-PP-N	1/4-28UNF	4.8	PP-Natural	Thread to Barb Connector SA-U28-48D-PP-N 809469
809470	SA-1/8NPT-24C-PP-N	1/8NPT	2.4	PP-Natural	Thread to Barb Connector SA-1/8NPT-24C-PP-N 809470
809471	SA-1/8NPT-32C-PP-N	1/8NPT	3.2	PP-Natural	Thread to Barb Connector SA-1/8NPT-32C-PP-N 809471
809472	SA-1/8NPT-40C-PP-N	1/8NPT	4.0	PP-Natural	Thread to Barb Connector SA-1/8NPT-40C-PP-N 809472
809473	SA-1/8NPT-48C-PP-N	1/8NPT	4.8	PP-Natural	Thread to Barb Connector SA-1/8NPT-48C-PP-N 809473
809474	SA-1/8NPT-64C-PP-N	1/8NPT	6.4	PP-Natural	Thread to Barb Connector SA-1/8NPT-64C-PP-N 809474
809476	SA-1/4NPT-32D-PP-N	1/4NPT	3.2	PP-Natural	Thread to Barb Connector SA-1/4NPT-32D-PP-N 809476
809477	SA-1/4NPT-64D-PP-N	1/4NPT	6.4	PP-Natural	Thread to Barb Connector SA-1/4NPT-64D-PP-N 809477
809478	SA-1/4NPT-95D-PP-N	1/4NPT	9.5	PP-Natural	Thread to Barb Connector SA-1/4NPT-95D-PP-N 809478
809490	SA-G1/8-40C-PV-N	G1/8	4.0	PV-Natural	Thread to Barb Connector SA-G1/8-40C-PV-N 809490 (EPDM O Ring)
809546	SA-G1/8-40C-PV-N	G1/8	4.0	PV-Natural	Thread to Barb Connector SA-G1/8-40C-PV-N 809546 (FKM O Ring)

9.2 SB- Male Thread to Barb Connector

Feature

- There is a step surface at end of male thread which will be in contact with bottom of male thread to form a seal by threaded extrusion.
- Bottom sealing
- Alternative material: PP, PA

Illustration



Note: Please consult the supplier for drawings of relevant dimension.

Model Interpretation



Note:

1. Explanation of the letter after tubing ID

- 1) F: Semi-rigid tubing (e.g. PU tubing) is recommended
- 2) the others: flexible tubing (e.g. TPE tubing, PVC tubing, silicon tubing, etc.) is recommended

E.g.

SB-U28-16-PP-N, straight through thread to barb connector, 1/4-28UNF, tubing ID1.6mm, PP, natural

Ordering Information

Part No.	Model	Thread	Tubing ID /mm	Material	Description
809647	SB-M5-16D-PP-N	M5	1.6	PP-Natural	Thread to Barb Connector SB-M5-16D-PP-N 809647
809301	SB-M5-16D-PA-W	M5	1.6	PA-White	Thread to Barb Connector SB-M5-16D-PA-W 809301
809479	SB-M5-24D-PP-N	M5	2.4	PP-Natural	Thread to Barb Connector SB-M5-24D-PP-N 809479
809480	SB-M5-32D-PP-N	M5	3.2	PP-Natural	Thread to Barb Connector SB-M5-32D-PP-N 809480
809481	SB-M5-40D-PP-N	M5	4.0	PP-Natural	Thread to Barb Connector SB-M5-40D-PP-N 809481
809017	SB-M6-16-PP-N	M6	1.6	PP-Natural	Thread to Barb Connector SB-M6-16-PP-N 809017

809015	SB-M6-16-PV-N	M6	1.6	PVDF-Natural	Thread to Barb Connector SB-M6-16-PV-N 809015
809021	SB-M6-24-PP-N	M6	2.4	PP-Natural	Thread to Barb Connector SB-M6-24-PP-N 809021
809019	SB-M6-24-PV-N	M6	2.4	PVDF-Natural	Thread to Barb Connector SB-M6-24-PV-N809019
809024	SB-M6-32-PP-N	M6	3.2	PP-Natural	Thread to Barb Connector SB-M6-32-PP-N 809024
809022	SB-M6-32-PV-N	M6	3.2	PVDF-Natural	Thread to Barb Connector SB-M6-32-PV-N 809022
809027	SB-M6-40-AC-B	M6	4.0	POM-Black	Thread to Barb Connector SB-M6-40-AC-B 809027
809028	SB-M6-40-PP-N	M6	4.0	PP-Natural	Thread to Barb Connector SB-M6-40-PP-N 809028
809026	SB-M6-40-PV-N	M6	4.0	PVDF-Natural	Thread to Barb Connector SB-M6-40-PV-N809026
809002	SB-U28-16-AC-B	1/4-28UNF	1.6	POM-Black	Thread to Barb Connector SB-U28-16-AC-B 809002
809003	SB-U28-16-PP-N	1/4-28UNF	1.6	PP-Natural	Thread to Barb Connector SB-U28-16-PP-N 809003
809001	SB-U28-16-PV-N	1/4-28UNF	1.6	PVDF-Natural	Thread to Barb Connector SB-U28-16-PV-N 809001
809006	SB-U28-24-AC-B	1/4-28UNF	2.4	POM-Black	Thread to Barb Connector SB-U28-24-AC-B 809006
809007	SB-U28-24-PP-N	1/4-28UNF	2.4	PP-Natural	Thread to Barb Connector SB-U28-24-PP-N 809007
809005	SB-U28-24-PV-N	1/4-28UNF	2.4	PVDF-Natural	Thread to Barb Connector SB-U28-24-PV-N 809005
809009	SB-U28-32-AC-B	1/4-28UNF	3.2	POM-Black	Thread to Barb Connector SB-U28-32-AC-B 809009
809010	SB-U28-32-PP-N	1/4-28UNF	3.2	PP-Natural	Thread to Barb Connector SB-U28-32-PP-N 809010
809008	SB-U28-32-PV-N	1/4-28UNF	3.2	PVDF-Natural	Thread to Barb Connector SB-U28-32-PV-N 809008
809013	SB-U28-40-AC-B	1/4-28UNF	4.0	POM-Black	Thread to Barb Connector SB-U28-40-AC-B 809013
809014	SB-U28-40-PP-N	1/4-28UNF	4.0	PP-Natural	Thread to Barb Connector SB-U28-40-PP-N 809014
809012	SB-U28-40-PV-N	1/4-28UNF	4.0	PVDF-Natural	Thread to Barb Connector SB-U28-40-PV-N 809012

Note: Following are Ordering Information for SBR& SBS fittings.

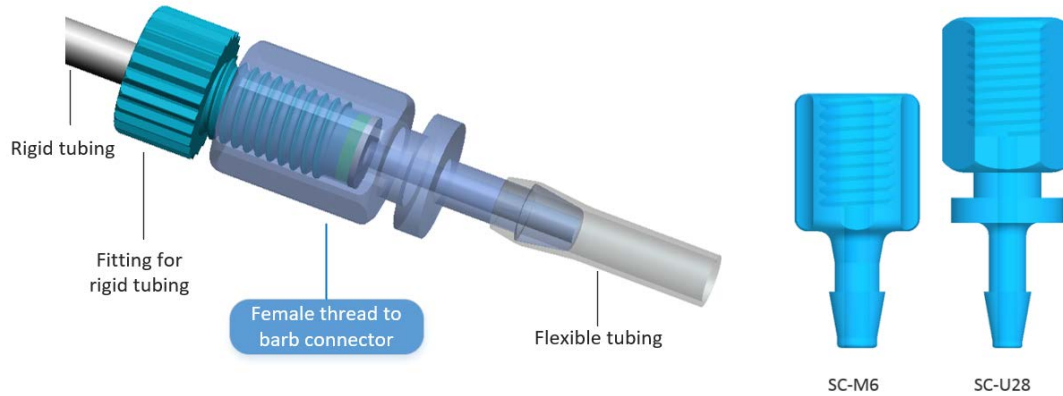
Part No.	Model	Thread	Tubing ID /mm	Material	Description
809528	SBR-U28-16-PP-N	1/4-28UNF	1.6	PP-Natural	Swivel Thread to Barb Connector SBR-U28-16-PP-N 809528
809529	SBR-U28-24-PP-N	1/4-28UNF	2.4	PP-Natural	Swivel Thread to Barb Connector SBR-U28-24-PP-N 809529
809530	SBR-U28-32-PP-N	1/4-28UNF	3.2	PP-Natural	Swivel Thread to Barb Connector SBR-U28-32-PP-N 809530
809302	SBS-M6-24D-PP-N	M6	2.4	PP-Natural	Thread to Barb Connector SBS-M6-24D-PP-N 809302
809535	SBS-M6-24D-PA-W	M6	2.4	PA-White	Thread to Barb Connector SBS-M6-24D-PA-W 809535
809303	SBS-M6-32D-PP-N	M6	3.2	PP-Natural	Thread to Barb Connector SBS-M6-32D-PP-N 809303
809536	SBS-M6-32D-PA-W	M6	3.2	PA-White	Thread to Barb Connector SBS-M6-32D-PA-W 809536

9.3 SC-Female Thread to Barb Connector

Feature

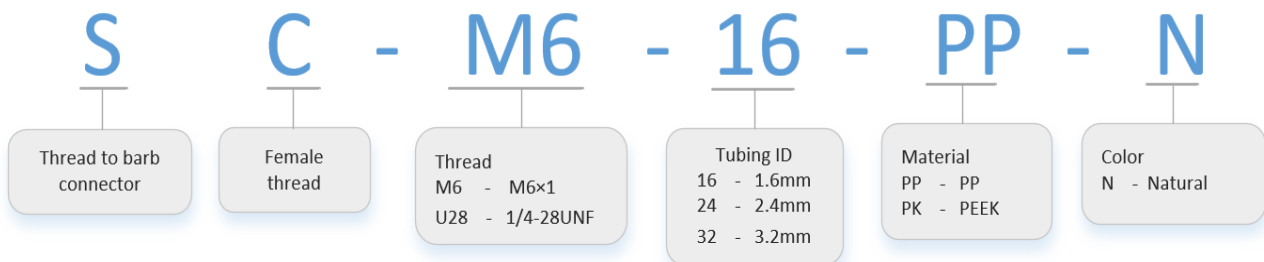
- Apply to connect between male threaded fitting and flexible tubing.
- 1/4-28UNF female thread & PP material
- Matching for tubing with ID of 1.6mm, 2.4mm, 3.2mm

Illustration



Note: Please consult the supplier for drawings of relevant dimension.

Model Interpretation



E.g. SC-U28-16-PP-N, Female thread to barb connector, 1/4-28UNF, tubing ID 1.6mm, PP, natural

Ordering Information

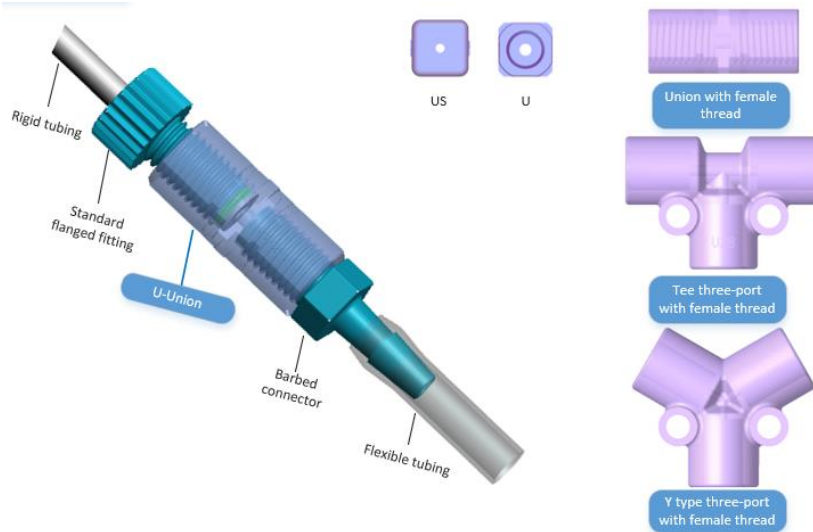
Part No.	Model	Thread	Tubing ID /mm	Material	Description
809522	SC-U28-16D-PP-N	1/4-28UNF	1.6	PP-Natural	Female Thread to Barb Connector SC-U28-16D-PP-N 809522
809523	SC-U28-24D-PP-N	1/4-28UNF	2.4	PP-Natural	Female Thread to Barb Connector SC-U28-24D-PP-N 809523
809524	SC-U28-32D-PP-N	1/4-28UNF	3.2	PP-Natural	Female Thread to Barb Connector SC-U28-32D-PP-N 809524
809292	SC-M6-16-PP-N	M6	1.6	PP-Natural	Female Thread to Barb Connector SC-M6-16-PP-N 809292
809293	SC-M6-32-PP-N	M6	3.2	PP-Natural	Female Thread to Barb Connector SC-M6-32-PP-N 809293

10. U-Union

Feature

- Connector between male and female threaded fitting. It achieves leak-free connection between rigid tubing connection system and flexible tubing connection system
- Alternative material: POM, PP, PPS
- Alternative thread: M6, 1/4-28UNF, 6-40UNF

Illustration



Note: Please consult the supplier for drawings of relevant dimension.

Model Interpretation

U - U28 - M6 - 20 - AC - B

U-Union

U - union with female thread
 US - Squared union with female thread
 UT - Tee three-port with female thread
 UY - Y type three-port with female thread

Thread 1

M6 - M6×1
 U28 - 1/4-28UNF

Thread 2

M6 - M6×1
 U28 - 1/4-28UNF

Diameter

05 - 0.5mm
 10 - 1.0mm
 15 - 1.5mm
 20 - 2.0mm

Material

PP - PP
 AC - POM
 PS - PPS

Color

N - Natural
 B - Black

Note: the thread of U series is female thread. For female thread to male thread union, thread type of female should be written first. The letter M after thread indicates male thread.

E.g.

U-U28-M6-20-AC-B, union with female thread, female thread 1/4-28UNF to female thread M6, diameter 2.0mm, POM, black

Ordering Information

Part No.	Model	Thread	Diameter /mm	Material	Description
809697	UT-U28-15-PP-N	1/4-28UNF	1.5	PP-Natural	Tee Union UT-U28-15-PP-N 809697
809518	UT-U28-20-PP-N	1/4-28UNF	2.0	PP-Natural	Tee Union UT-U28-20-PP-N809518
809631	UT-U28-15-PS-B	1/4-28UNF	1.5	PPS-Black	Tee Union UT-U28-15-PS-B809631

809698	UT-U28-20-PS-B	1/4-28UNF	2.0	PPS-Black	Tee Union UT-U28-20-PS-B 809698
809308	UY-U28-10-PP-N	1/4-28UNF	1.0	PP-Natural	Y Union UY-U28-10-PP-N 809308
809491	UY-U28-15-PP-N	1/4-28UNF	1.5	PP-Natural	Y Union UY-U28-15-PP-N 809491
809790	UY-U28-20-PP-N	1/4-28UNF	2.0	PP-Natural	Y Union UY-U28-20-PP-N 809790

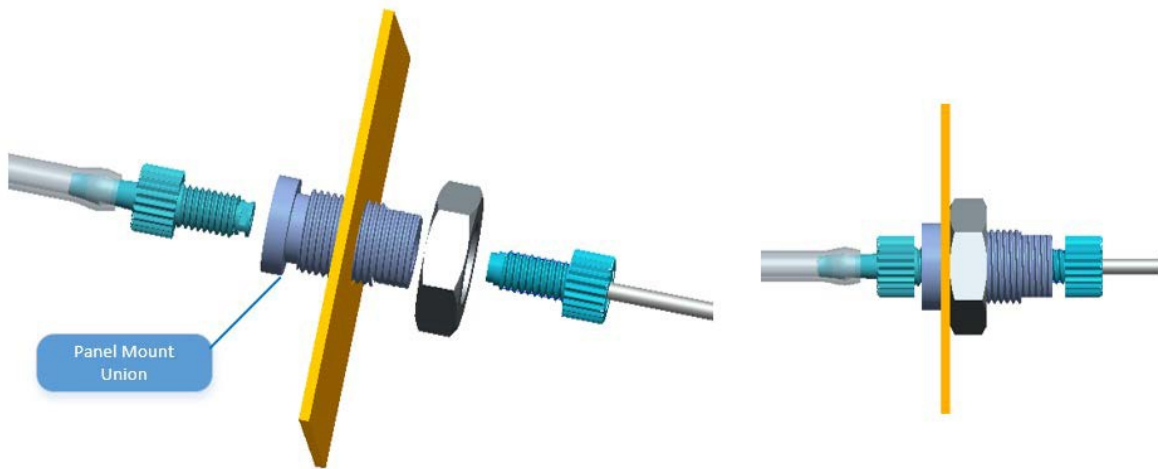
Part No.	Model	Thread 1	Thread 2	Diameter /mm	Material	Description
809192	U-U28-20-AC-B	1/4-28UNF	1/4-28UNF	2.0	POM-Black	UnionU-U28-20-AC-B 809192
809198	U-U28-20-PS-B	1/4-28UNF	1/4-28UNF	2.0	PPS-Black	Union U-U28-20-PS-B 809198
809195	U-U28-20-PP-N	1/4-28UNF	1/4-28UNF	2.0	PP-Natural	UnionU-U28-20-PP-N 809195
809193	U-U28-M6-20-AC-B	1/4-28UNF	M6	2.0	POM-Black	UnionU-U28-M6-20-AC-B 809193
809231	U-U40-U28-15-AC-N	6-40UNF	1/4-28UNF	1.5	POM-Natural	UnionU-U40-U28-15-AC-N 809231
809197	U-M6-20-PP-N	M6	M6	2.0	PP-Natural	UnionU-M6-20-PP-N 809197
809194	U-M6-20-AC-B	M6	M6	2.0	POM-Black	UnionU-M6-20-AC-B 809194
809484	US-M6-05-AC-B	M6	M6	0.5	POM-Black	Squared Union US-M6-05-AC-B 809484
809531	US-M6-10-AC-B	M6	M6	1.0	POM-Black	Squared Union US-M6-10-AC-B 809531
809532	US-M6-15-AC-B	M6	M6	1.5	POM-Black	Squared Union US-M6-15-AC-B 809532
809533	US-M6-05-PP-N	M6	M6	0.5	PP-Natural	Squared Union US-M6-05-PP-N 809533
809534	US-M6-10-PP-N	M6	M6	1.0	PP-Natural	Squared Union US-M6-10-PP-N 809534
809516	US-M6-15-PP-N	M6	M6	1.5	PP-Natural	Squared Union US-M6-15-PP-N 809516

11. PMU-Panel Mount Union

Feature

- Connector between male and female threaded fitting. It achieves leak-free connection between rigid tubing connection system and flexible tubing connection system.
- Alternative material: POM, PP, PPS
- Alternative thread: M6, 1/4-28UNF, 6-40UNF

Illustration



Note: Please consult the supplier for drawings of relevant dimension.

Model Interpretation

PMU - M12 - U28 - 20 - PP - N

Panel Mount Union	Male Thread M12 - M12×1	Female Thread U28 - 1/4-28UNF	Diameter 20 - 2.0mm	Material PP - PP	Color N - Natural
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e.g.

PMU-M12-U28-20-PP-N, Panel Mount Union, Male Thread M12X1, Female Thread 1/4-28UNF, diameter 2.0mm, PP, Natural

Ordering Information

Part No.	Model	Male Thread	Female Thread	Material	Description
809525	PMU-M12-U28-20-PP-N	M12×1	1/4-28UNF	PP-Natural	Panel Mount Union PMU-M12-U28-20-PP-N 809525
809595	PMBSN-M12-SS-N	M12×1	/	SUS-Natural	Panel Mount Lock Nut PMBSN-M12-SS-N 809595

Note: The Union should be used together with lock nut

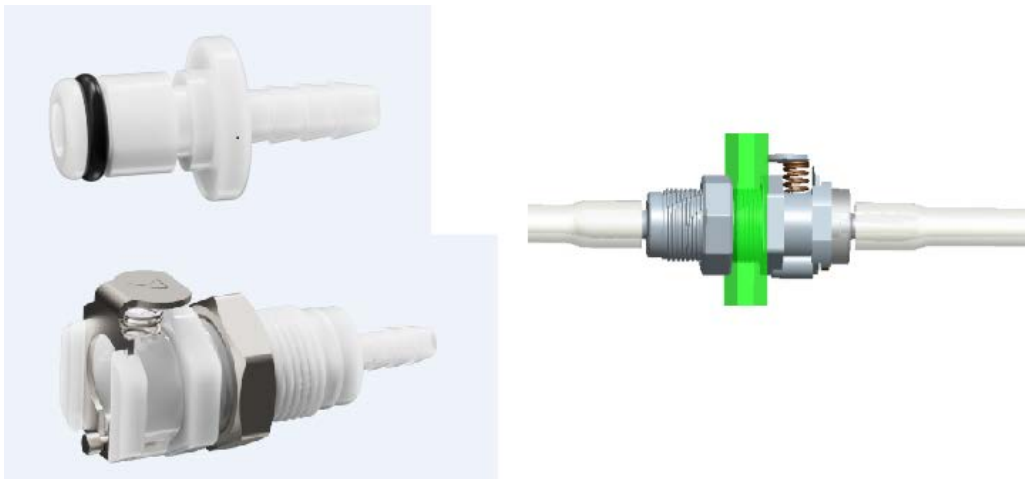
12. QL-Quick Coupling

12.1 Q20 Series

Feature

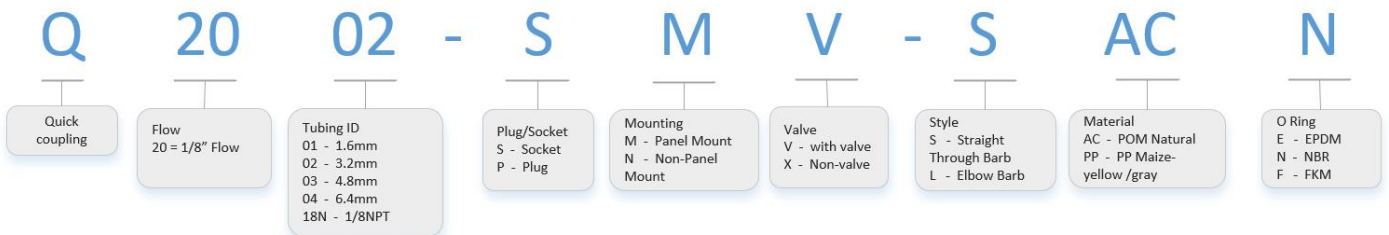
- The quick couplings are made of polyformaldehyde, it is durable and reliable and compatible with mild chemicals. The switch button enables one-hand connection/disconnection, and the couplings will make a click sound after well connected
- The quick couplings are divided into Q20 series with 1/8" diameter and Q40 series with 1/4" diameter according to the flow, which are compatible with CPC PMC/PLC series and Link Tech AC20/AC40 series

Illustration



Note: Please consult the supplier for drawings of relevant dimension.

Model Interpretation



Note: the style ,O ring is default SACN (Straight Through Barb, POM, EPDM O ring) which is omitted in the model

E. g.
Q2002-SMV-SACN refers to Valved Quick Coupling Socket with 1/8" Flow, 3.2mm ID tubing, straight through barb, Panel Mount; POM, NBR O ring

Ordering Information

Part No.	Model	Tubing ID /mm	Description
839041	Q2001-PMV-SACN	1.6	Quick Coupling Q2001-PMV-SACN 839041
839085	Q2001-PMV-SPPE	1.6	Quick Coupling Q2001-PMV-SPPE 839085
839019	Q2001-PMX-SACN	1.6	Quick Coupling Q2001-PMX-SACN 839019
839063	Q2001-PMX-SPPE	1.6	Quick Coupling Q2001-PMX-SPPE 839063
839034	Q2001-PNV-SACN	1.6	Quick Coupling Q2001-PNV-SACN 839034
839078	Q2001-PNV-SPPE	1.6	Quick Coupling Q2001-PNV-SPPE 839078
839012	Q2001-PNX-SACN	1.6	Quick Coupling Q2001-PNX-SACN 839012
839056	Q2001-PNX-SPPE	1.6	Quick Coupling Q2001-PNX-SPPE 839056
839030	Q2001-SMV-SACN	1.6	Quick Coupling Q2001-SMV-SACN 839030
839074	Q2001-SMV-SPPE	1.6	Quick Coupling Q2001-SMV-SPPE 839074
839008	Q2001-SMX-SACN	1.6	Quick Coupling Q2001-SMX-SACN 839008
839052	Q2001-SMX-SPPE	1.6	Quick Coupling Q2001-SMX-SPPE 839052
839023	Q2001-SNV-SACN	1.6	Quick Coupling Q2001-SNV-SACN 839023
839067	Q2001-SNV-SPPE	1.6	Quick Coupling Q2001-SNV-SPPE 839067
839001	Q2001-SNX-SACN	1.6	Quick Coupling Q2001-SNX-SACN 839001
839045	Q2001-SNX-SPPE	1.6	Quick Coupling Q2001-SNX-SPPE 839045
839042	Q2002-PMV-SACN	3.2	Quick Coupling Q2002-PMV-SACN 839042
839086	Q2002-PMV-SPPE	3.2	Quick Coupling Q2002-PMV-SPPE 839086
839020	Q2002-PMX-SACN	3.2	Quick Coupling Q2002-PMX-SACN 839020
839064	Q2002-PMX-SPPE	3.2	Quick Coupling Q2002-PMX-SPPE 839064
839038	Q2002-PNV-LACN	3.2	Quick Coupling Q2002-PNV-LACN 839038
839082	Q2002-PNV-LPPE	3.2	Quick Coupling Q2002-PNV-LPPE 839082
839091	Q2002-PNV-SACF	3.2	Quick Coupling Q2002-PNV-SACF 839091
839035	Q2002-PNV-SACN	3.2	Quick Coupling Q2002-PNV-SACN 839035
839079	Q2002-PNV-SPPE	3.2	Quick Coupling Q2002-PNV-SPPE 839079
839090	Q2002-PNV-SPPF	3.2	Quick Coupling Q2002-PNV-SPPF 839090
839016	Q2002-PNX-LACN	3.2	Quick Coupling Q2002-PNX-LACN 839016
839060	Q2002-PNX-LPPE	3.2	Quick Coupling Q2002-PNX-LPPE 839060
839013	Q2002-PNX-SACN	3.2	Quick Coupling Q2002-PNX-SACN 839013
839057	Q2002-PNX-SPPE	3.2	Quick Coupling Q2002-PNX-SPPE 839057
839031	Q2002-SMV-SACN	3.2	Quick Coupling Q2002-SMV-SACN 839031
839075	Q2002-SMV-SPPE	3.2	Quick Coupling Q2002-SMV-SPPE 839075
839093	Q2002-SMV-SPPF	3.2	Quick Coupling Q2002-SMV-SPPF 839093
839009	Q2002-SMX-SACN	3.2	Quick Coupling Q2002-SMX-SACN 839009
839053	Q2002-SMX-SPPE	3.2	Quick Coupling Q2002-SMX-SPPE 839053
839027	Q2002-SNV-LACN	3.2	Quick Coupling Q2002-SNV-LACN 839027

Part No.	Model	Tubing ID /mm	Description
839071	Q2002-SNV-LPPE	3.2	Quick Coupling Q2002-SNV-LPPE 839071
839092	Q2002-SNV-SACF	3.2	Quick Coupling Q2002-SNV-SACF 839092
839024	Q2002-SNV-SACN	3.2	Quick Coupling Q2002-SNV-SACN 839024
839068	Q2002-SNV-SPPE	3.2	Quick Coupling Q2002-SNV-SPPE 839068
839089	Q2002-SNV-SPPF	3.2	Quick Coupling Q2002-SNV-SPPF 839089
839005	Q2002-SNX-LACN	3.2	Quick Coupling Q2002-SNX-LACN 839005
839049	Q2002-SNX-LPPE	3.2	Quick Coupling Q2002-SNX-LPPE 839049
839002	Q2002-SNX-SACN	3.2	Quick Coupling Q2002-SNX-SACN 839002
839046	Q2002-SNX-SPPE	3.2	Quick Coupling Q2002-SNX-SPPE 839046
839043	Q2003-PMV-SACN	4.8	Quick Coupling Q2003-PMV-SACN 839043
839087	Q2003-PMV-SPPE	4.8	Quick Coupling Q2003-PMV-SPPE 839087
839021	Q2003-PMX-SACN	4.8	Quick Coupling Q2003-PMX-SACN 839021
839065	Q2003-PMX-SPPE	4.8	Quick Coupling Q2003-PMX-SPPE 839065
839036	Q2003-PNV-SACN	4.8	Quick Coupling Q2003-PNV-SACN 839036
839080	Q2003-PNV-SPPE	4.8	Quick Coupling Q2003-PNV-SPPE 839080
839014	Q2003-PNX-SACN	4.8	Quick Coupling Q2003-PNX-SACN 839014
839058	Q2003-PNX-SPPE	4.8	Quick Coupling Q2003-PNX-SPPE 839058
839032	Q2003-SMV-SACN	4.8	Quick Coupling Q2003-SMV-SACN 839032
839076	Q2003-SMV-SPPE	4.8	Quick Coupling Q2003-SMV-SPPE 839076
839010	Q2003-SMX-SACN	4.8	Quick Coupling Q2003-SMX-SACN 839010
839054	Q2003-SMX-SPPE	4.8	Quick Coupling Q2003-SMX-SPPE 839054
839025	Q2003-SNV-SACN	4.8	Quick Coupling Q2003-SNV-SACN 839025
839069	Q2003-SNV-SPPE	4.8	Quick Coupling Q2003-SNV-SPPE 839069
839003	Q2003-SNX-SACN	4.8	Quick Coupling Q2003-SNX-SACN 839003
839047	Q2003-SNX-SPPE	4.8	Quick Coupling Q2003-SNX-SPPE 839047
839044	Q2004-PMV-SACN	6.4	Quick Coupling Q2004-PMV-SACN 839044
839088	Q2004-PMV-SPPE	6.4	Quick Coupling Q2004-PMV-SPPE 839088
839022	Q2004-PMX-SACN	6.4	Quick Coupling Q2004-PMX-SACN 839022
839066	Q2004-PMX-SPPE	6.4	Quick Coupling Q2004-PMX-SPPE 839066
839039	Q2004-PNV-LACN	6.4	Quick Coupling Q2004-PNV-LACN 839039
839083	Q2004-PNV-LPPE	6.4	Quick Coupling Q2004-PNV-LPPE 839083
839037	Q2004-PNV-SACN	6.4	Quick Coupling Q2004-PNV-SACN 839037
839081	Q2004-PNV-SPPE	6.4	Quick Coupling Q2004-PNV-SPPE 839081
839017	Q2004-PNX-LACN	6.4	Quick Coupling Q2004-PNX-LACN 839017
839061	Q2004-PNX-LPPE	6.4	Quick Coupling Q2004-PNX-LPPE 839061
839015	Q2004-PNX-SACN	6.4	Quick Coupling Q2004-PNX-SACN 839015
839059	Q2004-PNX-SPPE	6.4	Quick Coupling Q2004-PNX-SPPE 839059
839033	Q2004-SMV-SACN	6.4	Quick Coupling Q2004-SMV-SACN 839033

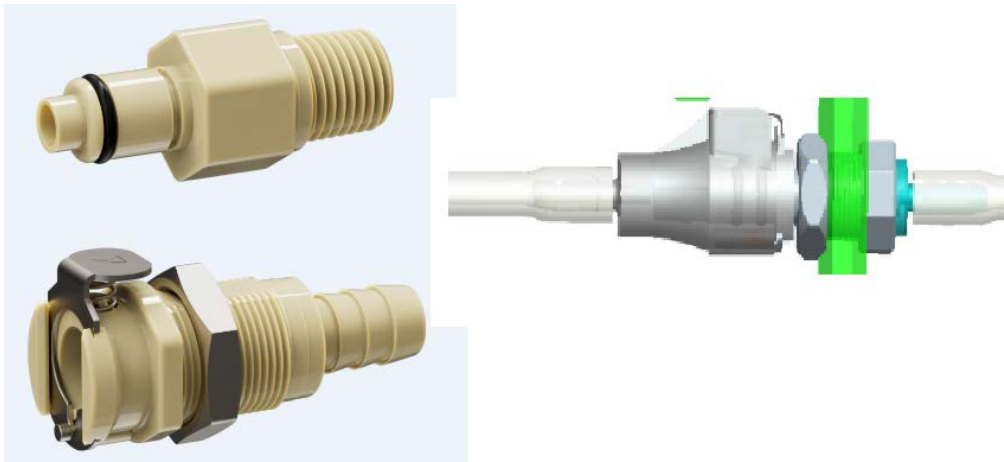
Part No.	Model	Tubing ID /mm	Description
839077	Q2004-SMV-SPPE	6.4	Quick Coupling Q2004-SMV-SPPE 839077
839011	Q2004-SMX-SACN	6.4	Quick Coupling Q2004-SMX-SACN 839011
839055	Q2004-SMX-SPPE	6.4	Quick Coupling Q2004-SMX-SPPE 839055
839028	Q2004-SNV-LACN	6.4	Quick Coupling Q2004-SNV-LACN 839028
839072	Q2004-SNV-LPPE	6.4	Quick Coupling Q2004-SNV-LPPE 839072
839026	Q2004-SNV-SACN	6.4	Quick Coupling Q2004-SNV-SACN 839026
839070	Q2004-SNV-SPPE	6.4	Quick Coupling Q2004-SNV-SPPE 839070
839006	Q2004-SNX-LACN	6.4	Quick Coupling Q2004-SNX-LACN 839006
839050	Q2004-SNX-LPPE	6.4	Quick Coupling Q2004-SNX-LPPE 839050
839004	Q2004-SNX-SACN	6.4	Quick Coupling Q2004-SNX-SACN 839004
839048	Q2004-SNX-SPPE	6.4	Quick Coupling Q2004-SNX-SPPE 839048
839040	Q2018N-PNV-SACN	1/8NPT	Quick Coupling Q2018N-PNV-SACN 839040
839084	Q2018N-PNV-SPPE	1/8NPT	Quick Coupling Q2018N-PNV-SPPE 839084
839018	Q2018N-PNX-SACN	1/8NPT	Quick Coupling Q2018N-PNX-SACN 839018
839062	Q2018N-PNX-SPPE	1/8NPT	Quick Coupling Q2018N-PNX-SPPE 839062
839029	Q2018N-SNV-SACN	1/8NPT	Quick Coupling Q2018N-SNV-SACN 839029
839073	Q2018N-SNV-SPPE	1/8NPT	Quick Coupling Q2018N-SNV-SPPE 839073
839007	Q2018N-SNX-SACN	1/8NPT	Quick Coupling Q2018N-SNX-SACN 839007
839051	Q2018N-SNX-SPPE	1/8NPT	Quick Coupling Q2018N-SNX-SPPE 839051

12.2 Q40 Series

Feature

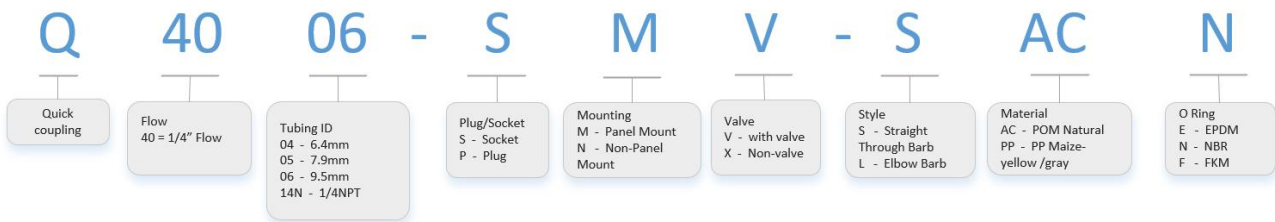
- The quick couplings are made of polyformaldehyde, it is durable and reliable and compatible with mild chemicals. The switch button enables one-hand connection/disconnection, and the couplings will make a click sound after well connected
- The quick couplings are divided into Q20 series with 1/8" diameter and Q40 series with 1/4" diameter according to the flow, which are compatible with CPC PMC/PLC series and Link Tech AC20/AC40 series

Illustration



Note: Please consult the supplier for drawings of relevant dimension.

Model Interpretation



Note: the style ,O ring is default SACN (Straight Through Barb, POM, EPDM O ring) which is omitted in the model

E. g.
Q4006-SMV-SACN refers to Valved Quick Coupling Socket with 1/4" Flow, 9.5mm ID tubing , straight through barb, Panel Mount; POM, NBR O ring

Ordering Information

Part No.	Model	Tubing ID /mm	Description
849032	Q4004-PMV-SACN	6.4	Quick Coupling Q4004-PMV-SACN 849032
849066	Q4004-PMV-SPPE	6.4	Quick Coupling Q4004-PMV-SPPE 849066
849015	Q4004-PMX-SACN	6.4	Quick Coupling Q4004-PMX-SACN 849015
849049	Q4004-PMX-SPPE	6.4	Quick Coupling Q4004-PMX-SPPE 849049
849030	Q4004-PNV-LACN	6.4	Quick Coupling Q4004-PNV-LACN 849030
849064	Q4004-PNV-LPPE	6.4	Quick Coupling Q4004-PNV-LPPE 849064
849027	Q4004-PNV-SACN	6.4	Quick Coupling Q4004-PNV-SACN 849027
849061	Q4004-PNV-SPPE	6.4	Quick Coupling Q4004-PNV-SPPE 849061
849010	Q4004-PNX-SACN	6.4	Quick Coupling Q4004-PNX-SACN 849010
849044	Q4004-PNX-SPPE	6.4	Quick Coupling Q4004-PNX-SPPE 849044
849024	Q4004-SMV-SACN	6.4	Quick Coupling Q4004-SMV-SACN 849024
849058	Q4004-SMV-SPPE	6.4	Quick Coupling Q4004-SMV-SPPE 849058
849007	Q4004-SMX-SACN	6.4	Quick Coupling Q4004-SMX-SACN 849007
849041	Q4004-SMX-SPPE	6.4	Quick Coupling Q4004-SMX-SPPE 849041
849055	Q4004-SNV-LPPE	6.4	Quick Coupling Q4004-SNV-LPPE 849055
849018	Q4004-SNV-SACN	6.4	Quick Coupling Q4004-SNV-SACN 849018
849052	Q4004-SNV-SPPE	6.4	Quick Coupling Q4004-SNV-SPPE 849052
849014	Q4004-SNV-SPPF	6.4	Quick Coupling Q4004-SNV-SPPF 849014
849001	Q4004-SNX-SACN	6.4	Quick Coupling Q4004-SNX-SACN 849001
849035	Q4004-SNX-SPPE	6.4	Quick Coupling Q4004-SNX-SPPE 849035
849033	Q4005-PMV-SACN	7.9	Quick Coupling Q4005-PMV-SACN 849033
849067	Q4005-PMV-SPPE	7.9	Quick Coupling Q4005-PMV-SPPE 849067
849016	Q4005-PMX-SACN	7.9	Quick Coupling Q4005-PMX-SACN 849016
849050	Q4005-PMX-SPPE	7.9	Quick Coupling Q4005-PMX-SPPE 849050
849028	Q4005-PNV-SACN	7.9	Quick Coupling Q4005-PNV-SACN 849028
849062	Q4005-PNV-SPPE	7.9	Quick Coupling Q4005-PNV-SPPE 849062
849011	Q4005-PNX-SACN	7.9	Quick Coupling Q4005-PNX-SACN 849011
849045	Q4005-PNX-SPPE	7.9	Quick Coupling Q4005-PNX-SPPE 849045
849025	Q4005-SMV-SACN	7.9	Quick Coupling Q4005-SMV-SACN 849025
849059	Q4005-SMV-SPPE	7.9	Quick Coupling Q4005-SMV-SPPE 849059
849008	Q4005-SMX-SACN	7.9	Quick Coupling Q4005-SMX-SACN 849008
849042	Q4005-SMX-SPPE	7.9	Quick Coupling Q4005-SMX-SPPE 849042
849019	Q4005-SNV-SACN	7.9	Quick Coupling Q4005-SNV-SACN 849019
849053	Q4005-SNV-SPPE	7.9	Quick Coupling Q4005-SNV-SPPE 849053
849002	Q4005-SNX-SACN	7.9	Quick Coupling Q4005-SNX-SACN 849002
849036	Q4005-SNX-SPPE	7.9	Quick Coupling Q4005-SNX-SPPE 849036

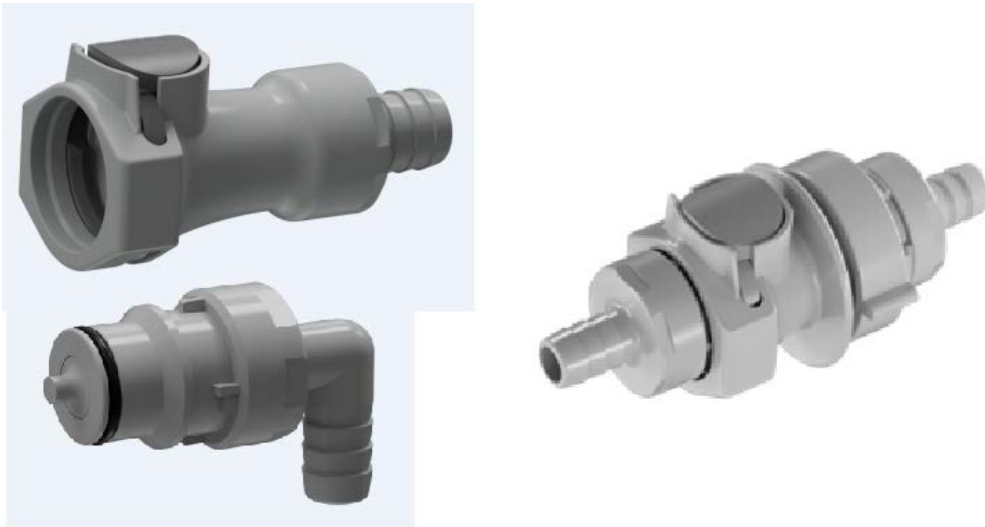
Part No.	Model	Tubing ID /mm	Description
849034	Q4006-PMV-SACN	9.5	Quick Coupling Q4006-PMV-SACN 849034
849068	Q4006-PMV-SPPE	9.5	Quick Coupling Q4006-PMV-SPPE 849068
849017	Q4006-PMX-SACN	9.5	Quick Coupling Q4006-PMX-SACN 849017
849051	Q4006-PMX-SPPE	9.5	Quick Coupling Q4006-PMX-SPPE 849051
849029	Q4006-PNV-SACN	9.5	Quick Coupling Q4006-PNV-SACN 849029
849063	Q4006-PNV-SPPE	9.5	Quick Coupling Q4006-PNV-SPPE 849063
849013	Q4006-PNX-LACN	9.5	Quick Coupling Q4006-PNX-LACN 849013
849047	Q4006-PNX-LPPE	9.5	Quick Coupling Q4006-PNX-LPPE 849047
849012	Q4006-PNX-SACN	9.5	Quick Coupling Q4006-PNX-SACN 849012
849046	Q4006-PNX-SPPE	9.5	Quick Coupling Q4006-PNX-SPPE 849046
849026	Q4006-SMV-SACN	9.5	Quick Coupling Q4006-SMV-SACN 849026
849060	Q4006-SMV-SPPE	9.5	Quick Coupling Q4006-SMV-SPPE 849060
849009	Q4006-SMX-SACN	9.5	Quick Coupling Q4006-SMX-SACN 849009
849043	Q4006-SMX-SPPE	9.5	Quick Coupling Q4006-SMX-SPPE 849043
849056	Q4006-SNV-LPPE	9.5	Quick Coupling Q4006-SNV-LPPE 849056
849020	Q4006-SNV-SACN	9.5	Quick Coupling Q4006-SNV-SACN 849020
849054	Q4006-SNV-SPPE	9.5	Quick Coupling Q4006-SNV-SPPE 849054
849039	Q4006-SNX-LPPE	9.5	Quick Coupling Q4006-SNX-LPPE 849039
849003	Q4006-SNX-SACN	9.5	Quick Coupling Q4006-SNX-SACN 849003
849037	Q4006-SNX-SPPE	9.5	Quick Coupling Q4006-SNX-SPPE 849037
849031	Q4014N-PNV-SACN	1/4NPT	Quick Coupling Q4014N-PNV-SACN 849031
849065	Q4014N-PNV-SPPE	1/4NPT	Quick Coupling Q4014N-PNV-SPPE 849065
849048	Q4014N-PNV-SPPF	1/4NPT	Quick Coupling Q4014N-PNV-SPPF 849048
849023	Q4014N-SNV-SACN	1/4NPT	Quick Coupling Q4014N-SNV-SACN 849023
849057	Q4014N-SNV-SPPE	1/4NPT	Quick Coupling Q4014N-SNV-SPPE 849057
849006	Q4014N-SNX-SACN	1/4NPT	Quick Coupling Q4014N-SNX-SACN 849006
849040	Q4014N-SNX-SPPE	1/4NPT	Quick Coupling Q4014N-SNX-SPPE 849040

12.3 Q60 Series

Feature

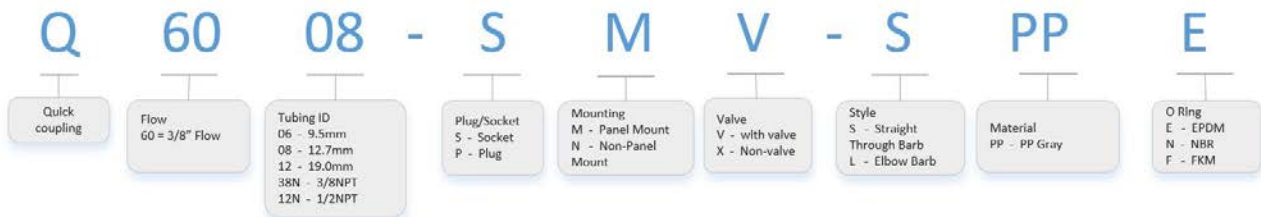
- The quick couplings are made of polyformaldehyde, it is durable and reliable and compatible with mild chemicals. The switch button enables one-hand connection/disconnection, and the couplings will make a click sound after well connected
- The quick couplings are divided into Q20 series with 1/8" diameter and Q40 series with 1/4" diameter according to the flow, which are compatible with CPC PMC/PLC series and Link Tech AC20/AC40 series

Illustration



Note: Please consult the supplier for drawings of relevant dimension.

Model Interpretation



Note: the style, material, O ring is default SACN (Straight Through Barb, POM, EPDM O ring) which is omitted in the model

E. g.
Q6008-SNV-SPPE refers to Valved Quick Coupling Socket with 3/8" Flow, 12.7mm ID tubing, straight through barb, Non-Panel Mount; PP, NBR O ring

Ordering Information

Part No.	Model	Tubing ID /mm	Description
869039	Q6006-PMV-LPPE	9.5	Quick Coupling Q6006-PMV-LPPE 869039
869032	Q6006-PNV-LPPE	9.5	Quick Coupling Q6006-PNV-LPPE 869032
869029	Q6006-PNV-SPPE	9.5	Quick Coupling Q6006-PNV-SPPE 869029
869012	Q6006-PNX-LPPE	9.5	Quick Coupling Q6006-PNX-LPPE 869012
869009	Q6006-PNX-SPPE	9.5	Quick Coupling Q6006-PNX-SPPE 869009
869020	Q6006-SMV-LPPE	9.5	Quick Coupling Q6006-SMV-LPPE 869020
869026	Q6006-SMV-SPPE	9.5	Quick Coupling Q6006-SMV-SPPE 869026
869018	Q6006-SMX-LPPE	9.5	Quick Coupling Q6006-SMX-LPPE 869018
869006	Q6006-SMX-SPPE	9.5	Quick Coupling Q6006-SMX-SPPE 869006
869021	Q6006-SNV-SPPE	9.5	Quick Coupling Q6006-SNV-SPPE 869021
869016	Q6006-SNV-SPPF	9.5	Quick Coupling Q6006-SNV-SPPF 869016
869001	Q6006-SNX-SPPE	9.5	Quick Coupling Q6006-SNX-SPPE 869001
869040	Q6008-PMV-LPPE	12.7	Quick Coupling Q6008-PMV-LPPE 869040
869037	Q6008-PMV-SPPE	12.7	Quick Coupling Q6008-PMV-SPPE 869037
869033	Q6008-PNV-LPPE	12.7	Quick Coupling Q6008-PNV-LPPE 869033
869030	Q6008-PNV-SPPE	12.7	Quick Coupling Q6008-PNV-SPPE 869030
869013	Q6008-PNX-LPPE	12.7	Quick Coupling Q6008-PNX-LPPE 869013
869010	Q6008-PNX-SPPE	12.7	Quick Coupling Q6008-PNX-SPPE 869010
869036	Q6008-SMV-LPPE	12.7	Quick Coupling Q6008-SMV-LPPE 869036
869027	Q6008-SMV-SPPE	12.7	Quick Coupling Q6008-SMV-SPPE 869027
869019	Q6008-SMX-LPPE	12.7	Quick Coupling Q6008-SMX-LPPE 869019
869007	Q6008-SMX-SPPE	12.7	Quick Coupling Q6008-SMX-SPPE 869007
869041	Q6008-SNV-LPPE	12.7	Quick Coupling Q6008-SNV-LPPE 869041
869022	Q6008-SNV-SPPE	12.7	Quick Coupling Q6008-SNV-SPPE 869022
869002	Q6008-SNX-SPPE	12.7	Quick Coupling Q6008-SNX-SPPE 869002
869038	Q6012-PMV-SPPE	19.0	Quick Coupling Q6012-PMV-SPPE 869038
869031	Q6012-PNV-SPPE	19.0	Quick Coupling Q6012-PNV-SPPE 869031
869011	Q6012-PNX-SPPE	19.0	Quick Coupling Q6012-PNX-SPPE 869011
869028	Q6012-SMV-SPPE	19.0	Quick Coupling Q6012-SMV-SPPE 869028
869008	Q6012-SMX-SPPE	19.0	Quick Coupling Q6012-SMX-SPPE 869008
869023	Q6012-SNV-SPPE	19.0	Quick Coupling Q6012-SNV-SPPE 869023
869003	Q6012-SNX-SPPE	19.0	Quick Coupling Q6012-SNX-SPPE 869003
869035	Q6012N-PNV-SPPE	1/2NPT	Quick Coupling Q6012N-PNV-SPPE 869035
869015	Q6012N-PNX-SPPE	1/2NPT	Quick Coupling Q6012N-PNX-SPPE 869015
869025	Q6012N-SNV-SPPE	1/2NPT	Quick Coupling Q6012N-SNV-SPPE 869025

Part No.	Model	Tubing ID /mm	Description
869005	Q6012N-SNX-SPPE	1/2NPT	Quick Coupling Q6012N-SNX-SPPE 869005
869034	Q6038N-PNV-SPPE	3/8NPT	Quick Coupling Q6038N-PNV-SPPE 869034
869017	Q6038N-PNV-SPPF	3/8NPT	Quick Coupling Q6038N-PNV-SPPF 869017
869014	Q6038N-PNX-SPPE	3/8NPT	Quick Coupling Q6038N-PNX-SPPE 869014
869024	Q6038N-SNV-SPPE	3/8NPT	Quick Coupling Q6038N-SNV-SPPE 869024
869004	Q6038N-SNX-SPPE	3/8NPT	Quick Coupling Q6038N-SNX-SPPE 869004

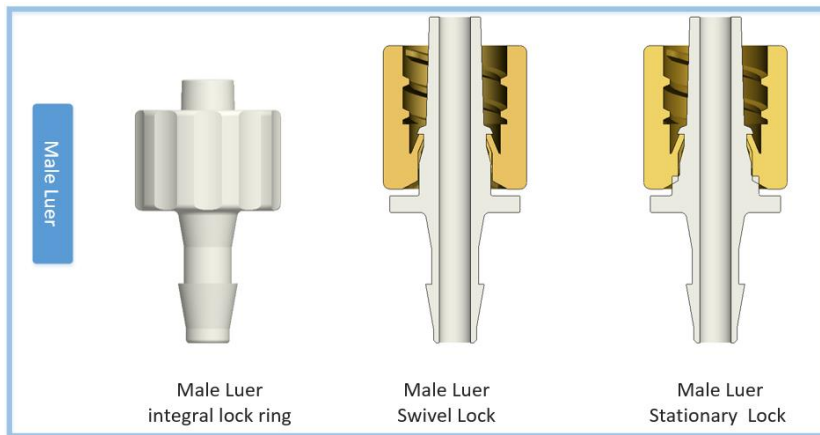
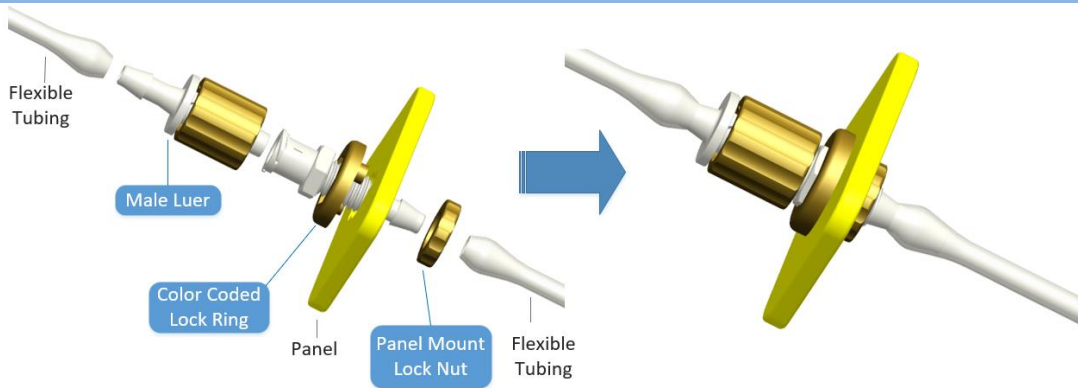
13. L-Luer Fitting

13.1 LP-Male Luer

Feature

- Plug-in fitting. Usableness for the connection between flexible tubing
- Alternative style: swiveling, stationary, and integrated
- Alternative material: PP, PA, PVDF

Illustration



Note: Please consult the supplier for drawings of relevant dimension.

Model Interpretation

LPR - 32 - PP - N

<p>Luer Fitting</p> <p>LPR - Male Luer Swivel Lock LPS - Male Luer Stationary Lock LP - Male Luer integral lock ring</p>	<p>Tubing ID</p> <p>16 - 1.6mm 24 - 2.4mm 32 - 3.2mm 40 - 4.0mm 48 - 4.8mm 64 - 6.4mm</p>	<p>Material</p> <p>PP - PP PA - PA PV - PVDF</p>	<p>Color</p> <p>N - Natural Y - Yellow R - Red G - Green U - Blue W - White B - Black O - Orange</p>
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*Note: the Finger Snap Luer Lock Ring of Male Luer Swivel Lock is rotatable
the Finger Snap Luer Lock Ring of Male Luer Stationary Lock is Un-rotatable

E. g.
LPR-U28-32-PP-N refers to Male Luer Swivel, 1/4-28 UNF thread, 3.2mm ID tubing,
PP, Natural

Ordering Information

Part No.	Model	Tubing ID /mm	Material	Description
809669	LPS-16-PP-N	1.6	PP-Natural	Male Luer Stationary Lock LPS-16-PP-N 809669
809130	LPS-16-PP-W	1.6	PP-White	Male Luer Stationary Lock LPS-16-PP-W 809130
809149	LPS-16-PP-B	1.6	PP-Black	Male Luer Stationary Lock LPS-16-PP-B 809149
809150	LPS-16-PP-R	1.6	PP-Red	Male Luer Stationary Lock LPS-16-PP-R 809150
809159	LPS-16-PP-G	1.6	PP-Green	Male Luer Stationary Lock LPS-16-PP-G 809159
809160	LPS-16-PP-U	1.6	PP-Blue	Male Luer Stationary Lock LPS-16-PP-U 809160
809169	LPS-16-PP-O	1.6	PP-Orange	Male Luer Stationary Lock LPS-16-PP-O 809169
809170	LPS-16-PP-Y	1.6	PP-Yellow	Male Luer Stationary Lock LPS-16-PP-Y 809170
809672	LPR-16-PP-N	1.6	PP-Natural	Male Luer Swivel Lock LPR-16-PP-N 809672
809673	LPR-16-PP-W	1.6	PP-White	Male Luer Swivel Lock LPR-16-PP-W 809673
809674	LPR-16-PP-B	1.6	PP-Black	Male Luer Swivel Lock LPR-16-PP-B 809674
809675	LPR-16-PP-R	1.6	PP-Red	Male Luer Swivel Lock LPR-16-PP-R 809675
809676	LPR-16-PP-G	1.6	PP-Green	Male Luer Swivel Lock LPR-16-PP-G 809676
809677	LPR-16-PP-U	1.6	PP-Blue	Male Luer Swivel Lock LPR-16-PP-U 809677
809678	LPR-16-PP-O	1.6	PP-Orange	Male Luer Swivel Lock LPR-16-PP-O 809678
809679	LPR-16-PP-Y	1.6	PP-Yellow	Male Luer Swivel Lock LPR-16-PP-Y 809679
809320	LPR-16-PA-W	1.6	PA-White	Male Luer Swivel Lock LPR-16-PA-W 809320
809331	LPR-16-PA-B	1.6	PA-Black	Male Luer Swivel Lock LPR-16-PA-B 809331
809333	LPR-16-PA-R	1.6	PA-Red	Male Luer Swivel Lock LPR-16-PA-R 809333
809342	LPR-16-PA-G	1.6	PA-Green	Male Luer Swivel Lock LPR-16-PA-G 809342
809351	LPR-16-PA-U	1.6	PA-Blue	Male Luer Swivel Lock LPR-16-PA-U 809351
809352	LPR-16-PA-O	1.6	PA-Orange	Male Luer Swivel Lock LPR-16-PA-O 809352
809353	LPR-16-PA-Y	1.6	PA-Yellow	Male Luer Swivel Lock LPR-16-PA-Y 809353
809670	LPS-24-PP-N	2.4	PP-Natural	Male Luer Stationary Lock LPS-24-PP-N 809670
809188	LPS-24-PP-W	2.4	PP-White	Male Luer Stationary Lock LPS-24-PP-W 809188
809260	LPS-24-PP-B	2.4	PP-Black	Male Luer Stationary Lock LPS-24-PP-B 809260
809261	LPS-24-PP-R	2.4	PP-Red	Male Luer Stationary Lock LPS-24-PP-R 809261
809270	LPS-24-PP-G	2.4	PP-Green	Male Luer Stationary Lock LPS-24-PP-G 809270
809271	LPS-24-PP-U	2.4	PP-Blue	Male Luer Stationary Lock LPS-24-PP-U 809271
809272	LPS-24-PP-O	2.4	PP-Orange	Male Luer Stationary Lock LPS-24-PP-O 809272
809273	LPS-24-PP-Y	2.4	PP-Yellow	Male Luer Stationary Lock LPS-24-PP-Y 809273
809680	LPR-24-PP-N	2.4	PP-Natural	Male Luer Swivel Lock LPR-24-PP-N 809680
809681	LPR-24-PP-W	2.4	PP-White	Male Luer Swivel Lock LPR-24-PP-W 809681
809682	LPR-24-PP-B	2.4	PP-Black	Male Luer Swivel Lock LPR-24-PP-B 809682
809683	LPR-24-PP-R	2.4	PP-Red	Male Luer Swivel Lock LPR-24-PP-R 809683
809684	LPR-24-PP-G	2.4	PP-Green	Male Luer Swivel Lock LPR-24-PP-G 809684

Part No.	Model	Tubing ID /mm	Material	Description
809685	LPR-24-PP-U	2.4	PP-Blue	Male Luer Swivel Lock LPR-24-PP-U 809685
809686	LPR-24-PP-O	2.4	PP-Orange	Male Luer Swivel Lock LPR-24-PP-O 809686
809687	LPR-24-PP-Y	2.4	PP-Yellow	Male Luer Swivel Lock LPR-24-PP-Y 809687
809290	LPR-24-PA-W	2.4	PA-White	Male Luer Swivel Lock LPR-24-PA-W 809290
809355	LPR-24-PA-B	2.4	PA-Black	Male Luer Swivel Lock LPR-24-PA-B 809355
809356	LPR-24-PA-R	2.4	PA-Red	Male Luer Swivel Lock LPR-24-PA-R 809356
809363	LPR-24-PA-G	2.4	PA-Green	Male Luer Swivel Lock LPR-24-PA-G 809363
809364	LPR-24-PA-U	2.4	PA-Blue	Male Luer Swivel Lock LPR-24-PA-U 809364
809365	LPR-24-PA-O	2.4	PA-Orange	Male Luer Swivel Lock LPR-24-PA-O 809365
809291	LPR-24-PA-Y	2.4	PA-Yellow	Male Luer Swivel Lock LPR-24-PA-Y 809291
809671	LPS-32-PP-N	3.2	PP-Natural	Male Luer Stationary Lock LPS-32-PP-N 809671
809274	LPS-32-PP-W	3.2	PP-White	Male Luer Stationary Lock LPS-32-PP-W 809274
809139	LPS-32-PP-B	3.2	PP-Black	Male Luer Stationary Lock LPS-32-PP-B 809139
809275	LPS-32-PP-R	3.2	PP-Red	Male Luer Stationary Lock LPS-32-PP-R 809275
809280	LPS-32-PP-G	3.2	PP-Green	Male Luer Stationary Lock LPS-32-PP-G 809280
809140	LPS-32-PP-U	3.2	PP-Blue	Male Luer Stationary Lock LPS-32-PP-U 809140
809281	LPS-32-PP-O	3.2	PP-Orange	Male Luer Stationary Lock LPS-32-PP-O 809281
809282	LPS-32-PP-Y	3.2	PP-Yellow	Male Luer Stationary Lock LPS-32-PP-Y 809282
809688	LPR-32-PP-N	3.2	PP-Natural	Male Luer Swivel Lock LPR-32-PP-N 809688
809689	LPR-32-PP-W	3.2	PP-White	Male Luer Swivel Lock LPR-32-PP-W 809689
809690	LPR-32-PP-B	3.2	PP-Black	Male Luer Swivel Lock LPR-32-PP-B 809690
809691	LPR-32-PP-R	3.2	PP-Red	Male Luer Swivel Lock LPR-32-PP-R 809691
809692	LPR-32-PP-G	3.2	PP-Green	Male Luer Swivel Lock LPR-32-PP-G 809692
809693	LPR-32-PP-U	3.2	PP-Blue	Male Luer Swivel Lock LPR-32-PP-U 809693
809694	LPR-32-PP-O	3.2	PP-Orange	Male Luer Swivel Lock LPR-32-PP-O 809694
809695	LPR-32-PP-Y	3.2	PP-Yellow	Male Luer Swivel Lock LPR-32-PP-Y 809695
809367	LPR-32-PA-W	3.2	PA-White	Male Luer Swivel Lock LPR-32-PA-W 809367
809299	LPR-32-PA-B	3.2	PA-Black	Male Luer Swivel Lock LPR-32-PA-B 809299
809368	LPR-32-PA-R	3.2	PA-Red	Male Luer Swivel Lock LPR-32-PA-R 809368
809372	LPR-32-PA-G	3.2	PA-Green	Male Luer Swivel Lock LPR-32-PA-G 809372
809373	LPR-32-PA-U	3.2	PA-Blue	Male Luer Swivel Lock LPR-32-PA-U 809373
809402	LPR-32-PA-O	3.2	PA-Orange	Male Luer Swivel Lock LPR-32-PA-O 809402
809403	LPR-32-PA-Y	3.2	PA-Yellow	Male Luer Swivel Lock LPR-32-PA-Y 809403
809312	LP-16D-PP-N	1.6	PP-Natural	Male Luer integral lock ring LP-16D-PP-N 809312
809255	LP-16D-PA-W	1.6	PA-White	Male Luer integral lock ring LP-16D-PA-W 809255
809256	LP-16D-PA-B	1.6	PA-Black	Male Luer integral lock ring LP-16D-PA-B 809256
809257	LP-16D-PA-R	1.6	PA-Red	Male Luer integral lock ring LP-16D-PA-R 809257
809259	LP-16D-PA-G	1.6	PA-Green	Male Luer integral lock ring LP-16D-PA-G 809259

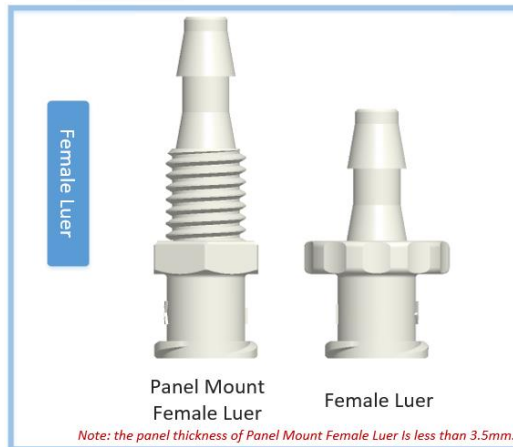
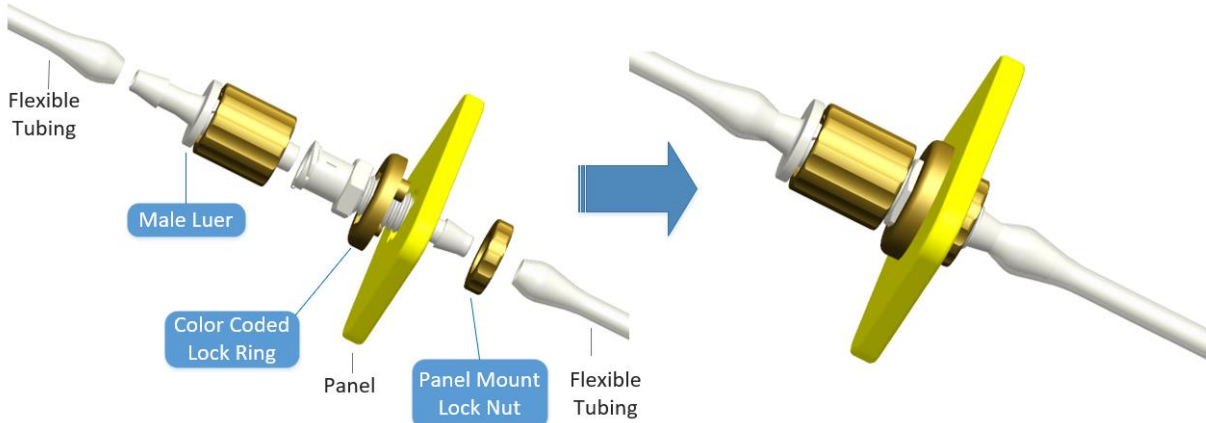
Part No.	Model	Tubing ID /mm	Material	Description
809319	LP-16D-PA-U	1.6	PA-Blue	Male Luer integral lock ring LP-16D-PA-U 809319
809344	LP-16D-PA-O	1.6	PA-Orange	Male Luer integral lock ring LP-16D-PA-O 809344
809354	LP-16D-PA-Y	1.6	PA-Yellow	Male Luer integral lock ring LP-16D-PA-Y 809354
809313	LP-24D-PP-N	2.4	PP-Natural	Male Luer integral lock ring LP-24D-PP-N 809313
809366	LP-24D-PA-W	2.4	PA-White	Male Luer integral lock ring LP-24D-PA-W 809366
809666	LP-24D-PA-B	2.4	PA-Black	Male Luer integral lock ring LP-24D-PA-B 809666
809485	LP-24D-PA-R	2.4	PA-Red	Male Luer integral lock ring LP-24D-PA-R 809485
809486	LP-24D-PA-G	2.4	PA-Green	Male Luer integral lock ring LP-24D-PA-G 809486
809487	LP-24D-PA-U	2.4	PA-Blue	Male Luer integral lock ring LP-24D-PA-U 809487
809488	LP-24D-PA-O	2.4	PA-Orange	Male Luer integral lock ring LP-24D-PA-O 809488
809489	LP-24D-PA-Y	2.4	PA-Yellow	Male Luer integral lock ring LP-24D-PA-Y 809489
809314	LP-32D-PP-N	3.2	PP-Natural	Male Luer integral lock ring LP-32D-PP-N 809314
809781	LP-32D-PA-W	3.2	PA-White	Male Luer integral lock ring LP-32D-PA-W 809781
809782	LP-32D-PA-B	3.2	PA-Black	Male Luer integral lock ring LP-32D-PA-B 809782
809783	LP-32D-PA-R	3.2	PA-Red	Male Luer integral lock ring LP-32D-PA-R 809783
809784	LP-32D-PA-G	3.2	PA-Green	Male Luer integral lock ring LP-32D-PA-G 809784
809785	LP-32D-PA-U	3.2	PA-Blue	Male Luer integral lock ring LP-32D-PA-U 809785
809786	LP-32D-PA-O	3.2	PA-Orange	Male Luer integral lock ring LP-32D-PA-O 809786
809787	LP-32D-PA-Y	3.2	PA-Yellow	Male Luer integral lock ring LP-32D-PA-Y 809787
809667	LP-32D-PP-R	3.2	PP-Red	Male Luer integral lock ring LP-32D-PP-R 809667
809668	LP-32D-PP-G	3.2	PP-Green	Male Luer integral lock ring LP-32D-PP-G 809668
809789	LP-32D-PP-U	3.2	PP-Blue	Male Luer integral lock ring LP-32D-PP-U 809789
806004	LP-40-PP-N	4.0	PP-Natural	Male Luer integral lock ring LP-40-PP-N 806004
806005	LP-48-PP-N	4.8	PP-Natural	Male Luer integral lock ring LP-48-PP-N 806005
806006	LP-64-PP-N	6.4	PP-Natural	Male Luer integral lock ring LP-64-PP-N 806006

13.2 LS-Female Luer

Feature

- Plug-in fitting. Usableness for the connection between flexible tubing
- Alternative style: panel mounting, non-panel mounting
- Alternative material: PP, PA, PVDF

Illustration



Note: Please consult the supplier for drawings of relevant dimension.

Model Interpretation

PMLS - U28 - 32 - PP - N

<p>Luer Fittings LS - Female Luer PMLS - Panel Mount Female Luer</p>	<p>Thread U28 - 1/4-28UNF</p>	<p>Tubing ID 16 - 1.6mm 24 - 2.4mm 32 - 3.2mm 40 - 4.0mm 48 - 4.8mm 64 - 6.4mm</p>	<p>Material PP - PP PA - Nylon PV - PVDF</p>	<p>Color N - Natural W - White</p>
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E. g.
PMLS-U28-32-PP-N refers to Panel Mount Female Luer, 1/4-28UNF panel thread, 3.2mm ID tubing, PP, Natural

Ordering Information

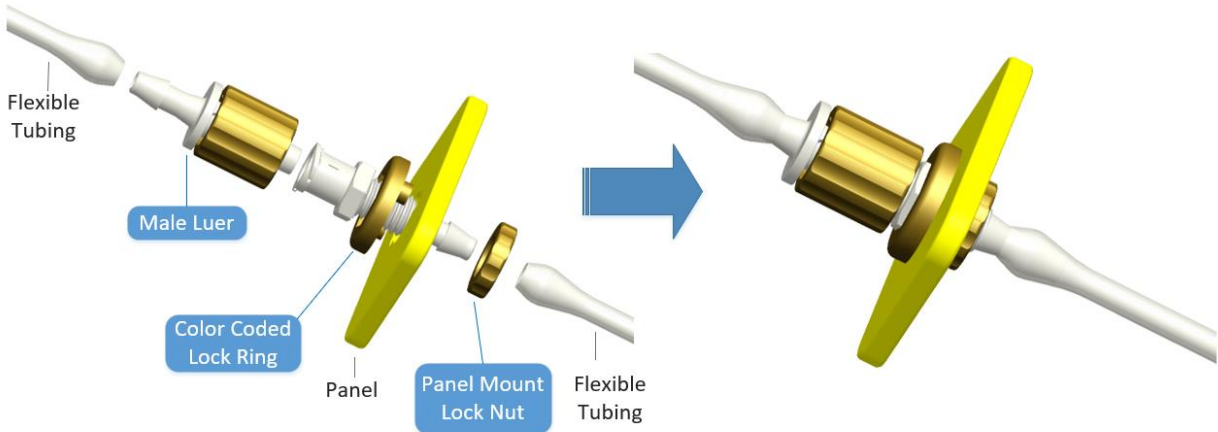
Part No.	Model	Thread	Tubing ID /mm	Material	Description
809570	LS-16D-PP-N	/	1.6	PP-Natural	Female Luer LS-16D-PP-N 809570
809699	LS-16D-PA-W	/	1.6	PA-White	Female Luer LS-16D-PA-W 809699
809571	LS-24D-PP-N	/	2.4	PP-Natural	Female Luer LS-24D-PP-N 809571
809700	LS-24D-PA-W	/	2.4	PA-White	Female Luer LS-24D-PA-W 809700
809572	LS-32D-PP-N	/	3.2	PP-Natural	Female Luer LS-32D-PP-N 809572
809701	LS-32D-PA-W	/	3.2	PA-White	Female Luer LS-32D-PA-W 809701
806010	LS-40-PP-N	/	4.0	PP-Natural	Female Luer LS-40-PP-N 806010
806228	LS-48-PP-N	/	4.8	PP-Natural	Female Luer LS-48-PP-N 806228
806229	LS-64-PP-N	/	6.4	PP-Natural	Female Luer LS-64-PP-N 806229
809576	PMLS-U28-16D-PP-N	1/4-28UNF	1.6	PP-Natural	Panel Mount Female Luer PMLS-U28-16D-PP-N 809576
809702	PMLS-U28-16D-PA-W	1/4-28UNF	1.6	PA-White	Panel Mount Female Luer PMLS-U28-16D-PA-W 809702
809577	PMLS-U28-24D-PP-N	1/4-28UNF	2.4	PP-Natural	Panel Mount Female Luer PMLS-U28-24D-PP-N 809577
809703	PMLS-U28-24D-PA-W	1/4-28UNF	2.4	PA-White	Panel Mount Female Luer PMLS-U28-24D-PA-W 809703
809578	PMLS-U28-32D-PP-N	1/4-28UNF	3.2	PP-Natural	Panel Mount Female Luer PMLS-U28-32D-PP-N 809578
809704	PMLS-U28-32D-PA-W	1/4-28UNF	3.2	PA-White	Panel Mount Female Luer PMLS-U28-32D-PA-W 809704
809665	PMLS-U28-32D-PV-N	1/4-28UNF	3.2	PVDF-Natural	Panel Mount Female Luer PMLS-U28-32D-PV-N 809665
809596	LNS-U28-PP-N	1/4-28UNF	/	PP-Natural	Panel Mount Lock Nut LNS-U28-PP-N 809596
809597	LNS-U28-PA-W	1/4-28UNF	/	PA-White	Panel Mount Lock Nut LNS-U28-PA-W 809597
809598	LNS-U28-PA-B	1/4-28UNF	/	PA-Black	Panel Mount Lock Nut LNS-U28-PA-B 809598
809599	LNS-U28-PA-R	1/4-28UNF	/	PA-Red	Panel Mount Lock Nut LNS-U28-PA-R 809599
809600	LNS-U28-PA-G	1/4-28UNF	/	PA-Green	Panel Mount Lock Nut LNS-U28-PA-G 809600
809601	LNS-U28-PA-U	1/4-28UNF	/	PA-Blue	Panel Mount Lock Nut LNS-U28-PA-U 809601
809602	LNS-U28-PA-O	1/4-28UNF	/	PA-Orange	Panel Mount Lock Nut LNS-U28-PA-O 809602
809603	LNS-U28-PA-Y	1/4-28UNF	/	PA-Yellow	Panel Mount Lock Nut LNS-U28-PA-Y 809603

13.3 LCR-Color Coded Lock Ring

Feature

- Use cooperatively with panel mount female Luer. It serves as a distinguishing label.
- Alternative material: PP, PA

Illustration



Note: Please consult the supplier for drawings of relevant dimension.

Model Interpretation

LCR - PP - N

Luer Accessories
LCR - Color Coded Lock Ring

Material
PP - PP
PA - Nylon

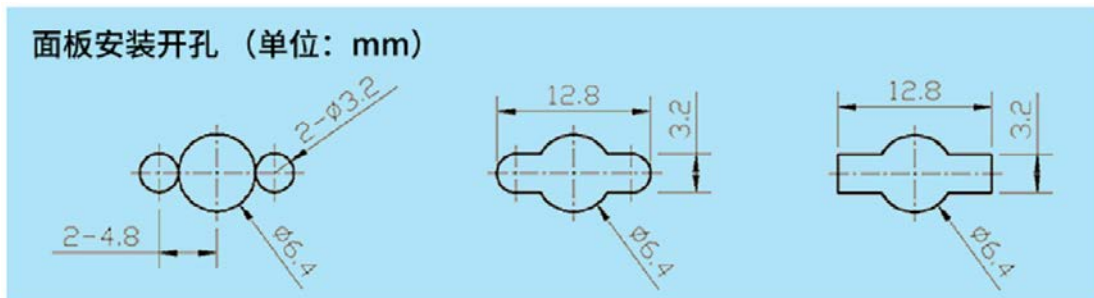
Color
N - Natural
Y - Yellow
R - Red
G - Green
U - Blue
W - White
B - Black
O - Orange

E. g.
LCR-PP-N refers to Color Coded Lock Ring, PP, Natural

Ordering Information

Part No.	Model	Material	Description
809579	LCR-PP-N	PP-Natural	Color Coded Lock Ring LCR-PP-N 809579
809580	LCR-PA-W	PA-White	Color Coded Lock Ring LCR-PA-W 809580
809581	LCR-PA-B	PA-Black	Color Coded Lock Ring LCR-PA-B 809581
809582	LCR-PA-R	PA-Red	Color Coded Lock Ring LCR-PA-R 809582
809583	LCR-PA-G	PA-Green	Color Coded Lock Ring LCR-PA-G 809583
809584	LCR-PA-U	PA-Blue	Color Coded Lock Ring LCR-PA-U 809584
809585	LCR-PA-O	PA-Orange	Color Coded Lock Ring LCR-PA-O 809585
809586	LCR-PA-Y	PA-Yellow	Color Coded Lock Ring LCR-PA-Y 809586

Dimension of Lock Ring Hole



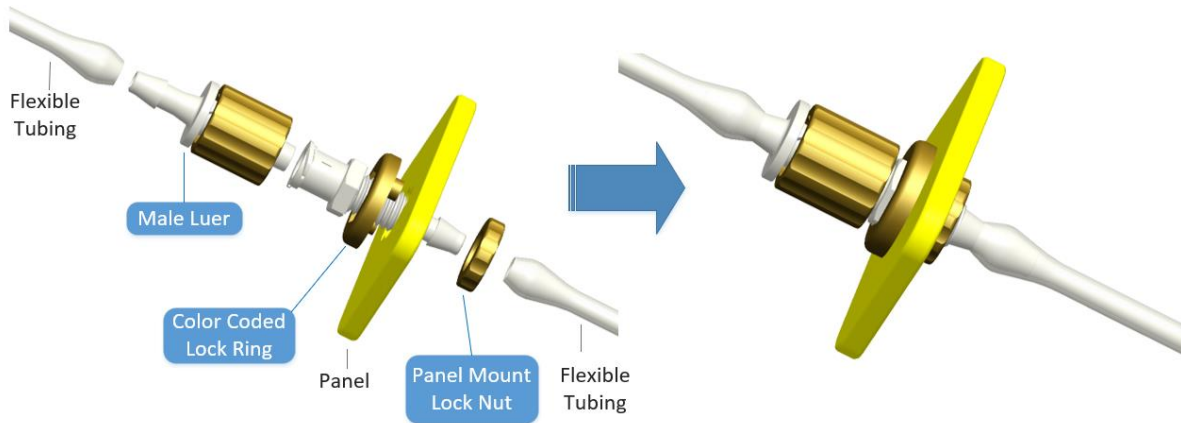
注: 穿板厚度需小于3.5mm

13.4 LPT-Finger Snap Luer Lock Ring

Feature

- Must use cooperative with Male Luer Stationary Lock or Male Luer Swivel Lock.
- Alternative material: PP, PA; eight different colors are available.

Illustration



Finger Snap Luer Lock Ring

Note: Finger Snap Luer Lock Ring must use cooperative with Male Luer Stationary Lock or Male Luer Swivel

Note: Please consult the supplier for drawings of relevant dimension.

Model Interpretation

LPT - PP - N

<p>Luer Accessories LPT - Finger Snap Luer Lock Ring</p>	<p>Material PP - PP PA - PA</p>	<p>Color N - Natural Y - Yellow R - Red G - Green U - Blue W - White B - Black O - Orange</p>
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E. g.
LPT-PP-N refers to Finger Snap Luer Lock Ring, PP Natural

Ordering Information

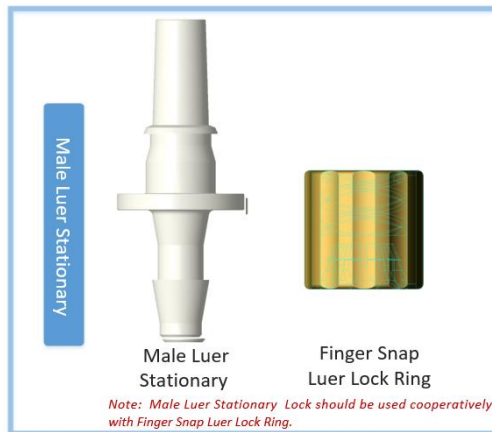
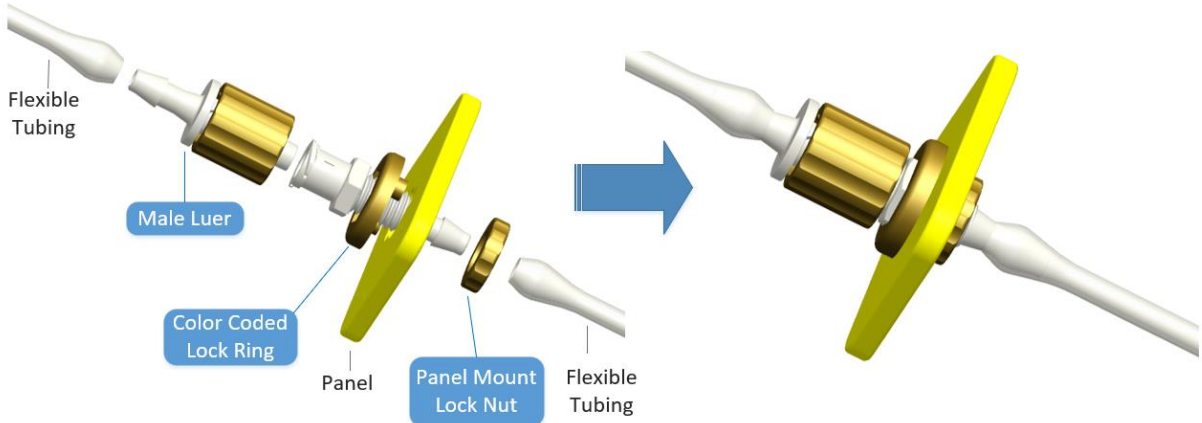
Part No.	Model	Material	Description
809587	LPT-PP-N	PP-Natural	Finger Snap Luer Lock Ring LPT-PP-N 809587
809588	LPT-PA-W	PA-White	Finger Snap Luer Lock Ring LPT-PA-W 809588
809589	LPT-PA-B	PA-Black	Finger Snap Luer Lock Ring LPT-PA-B 809589
809590	LPT-PA-R	PA-Red	Finger Snap Luer Lock Ring LPT-PA-R 809590
809591	LPT-PA-G	PA-Green	Finger Snap Luer Lock Ring LPT-PA-G 809591
809592	LPT-PA-U	PA-Blue	Finger Snap Luer Lock Ring LPT-PA-U 809592
809593	LPT-PA-O	PA-Orange	Finger Snap Luer Lock Ring LPT-PA-O 809593
809594	LPT-PA-Y	PA-Yellow	Finger Snap Luer Lock Ring LPT-PA-Y 809594

13.5 LSL-Male Luer Stationary

Feature

- Must use cooperatively with Finger Snap Luer Lock Ring
- Alternative material: PP, PA

Illustration



Note: Please consult the supplier for drawings of relevant dimension.

Model Interpretation

LSL - 16 - PP - N

Luer Accessories
LSL - Male Luer Stationary

Tubing ID
16 - 1.6mm
24 - 2.4mm
32 - 3.2mm

Material
PP - PP
PA - Nylon

Color
N - Natural
W - White

E. g.
LSL-16-PP-N refers to Male Luer Stationary, 1.6mm ID tubing , PP, Natural

Ordering Information

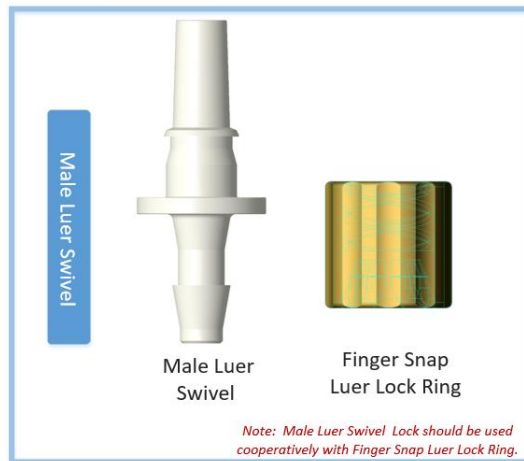
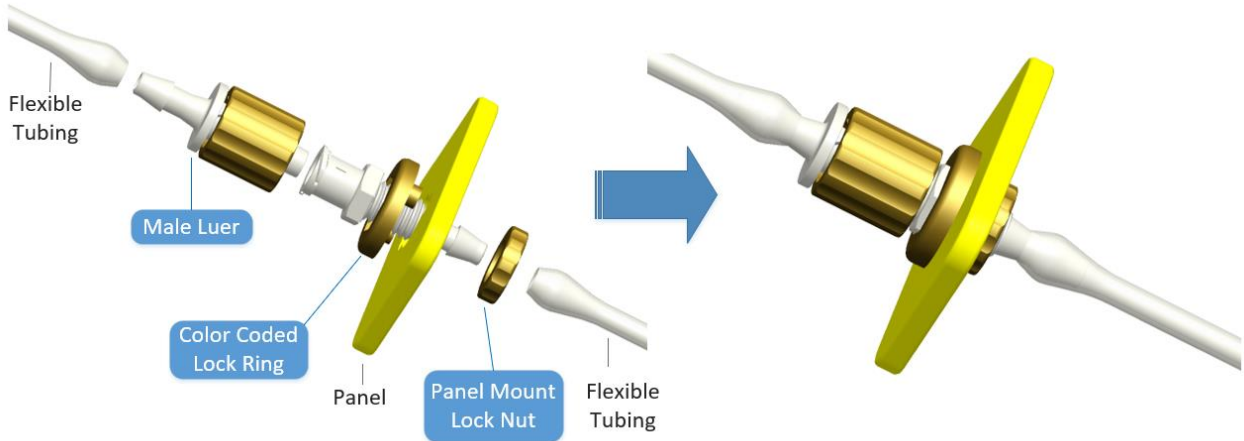
Part No.	Model	Material	Tubing ID /mm	Description
809558	LSL-16-PP-N	PP-Natural	1.6	Male Luer Stationary LSL-16-PP-N 809558
809705	LSL-16-PA-W	PA-White	1.6	Male Luer Stationary LSL-16-PA-W 809705
809560	LSL-24-PP-N	PP-Natural	2.4	Male Luer Stationary LSL-24-PP-N 809560
809707	LSL-24-PA-W	PA-White	2.4	Male Luer Stationary LSL-24-PA-W 809707
809562	LSL-32-PP-N	PP-Natural	3.2	Male Luer Stationary LSL-32-PP-N 809562
809709	LSL-32-PA-W	PA-White	3.2	Male Luer Stationary LSL-32-PA-W 809709

13.6 LRL- Male Luer Swivel

Feature

- Must use cooperatively with Finger Snap Luer Lock Ring
- Alternative material: PP, PA, PVDF

Illustration



Note: Please consult the supplier for drawings of relevant dimension.

Model Interpretation

LRL - 16 - PP - N

Luer Accessories
LRL - Male Luer Swivel

Tubing ID
16 - 1.6mm
24 - 2.4mm
32 - 3.2mm

Material
PP - PP
PA - Nylon
PV - PVDF

Color
N - Natural
W - White

E. g.
LRL-16-PP-N refers to Male Luer Swivel, 1.6mm ID tubing, PPNatural

Ordering Information

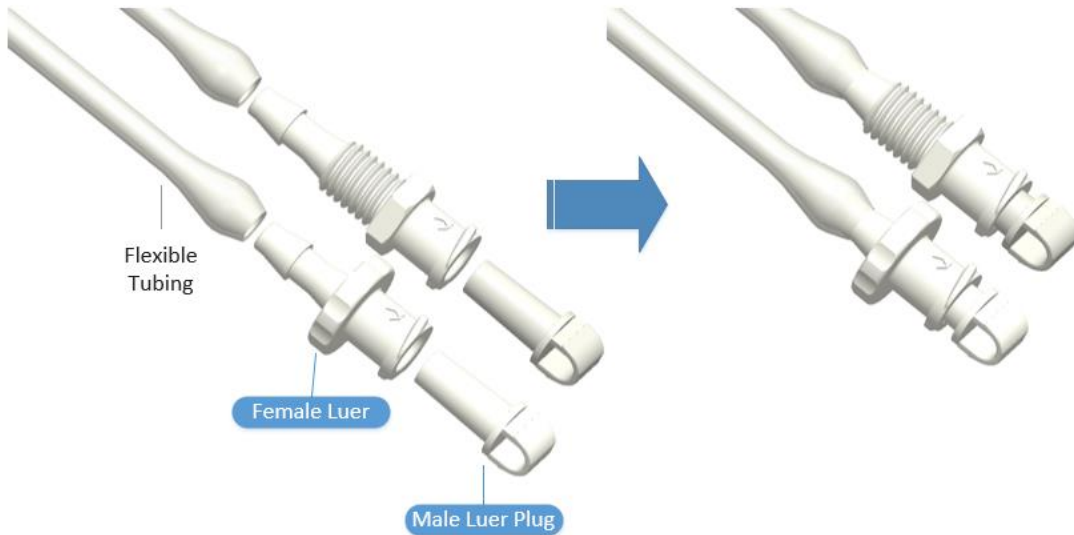
Part No.	Model	Material	Tubing ID /mm	Description
809559	LRL-16-PP-N	PP-Natural	1.6	Male Luer Swivel LRL-16-PP-N 809559
809706	LRL-16-PA-W	PA-White	1.6	Male Luer Swivel LRL-16-PA-W 809706
809711	LRL-16-PV-N	PVDF-Natural	1.6	Male Luer Swivel LRL-16-PV-N 809711
809561	LRL-24-PP-N	PP-Natural	2.4	Male Luer Swivel LRL-24-PP-N 809561
809708	LRL-24-PA-W	PA-White	2.4	Male Luer Swivel LRL-24-PA-W 809708
809712	LRL-24-PV-N	PVDF-Natural	2.4	Male Luer Swivel LRL-24-PV-N 809712
809563	LRL-32-PP-N	PP-Natural	3.2	Male Luer Swivel LRL-32-PP-N 809563
809710	LRL-32-PA-W	PA-White	3.2	Male Luer Swivel LRL-32-PA-W 809710
809713	LRL-32-PV-N	PVDF-Natural	3.2	Male Luer Swivel LRL-32-PV-N 809713

13.7 LPBL-Male Luer Plug

Feature

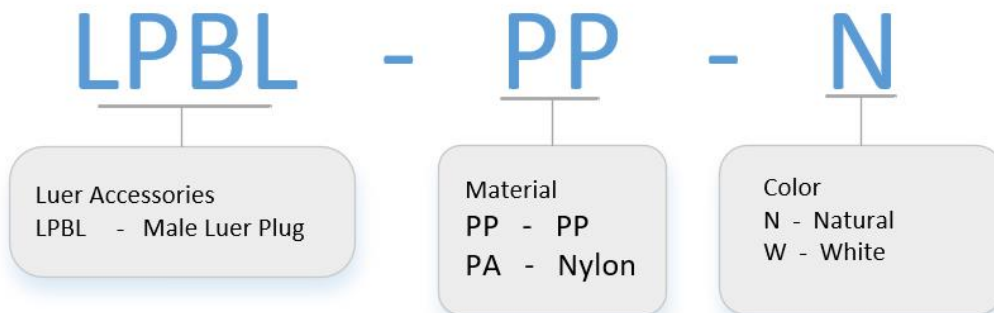
- Use cooperatively with female Luer to block the circulation
- Alternative material: PP, PA

Illustration



Note: Please consult the supplier for drawings of relevant dimension.

Model Interpretation



E. g.
 LPBL-PP-N refers to Male Luer Plug, PP, Natural

Ordering Information

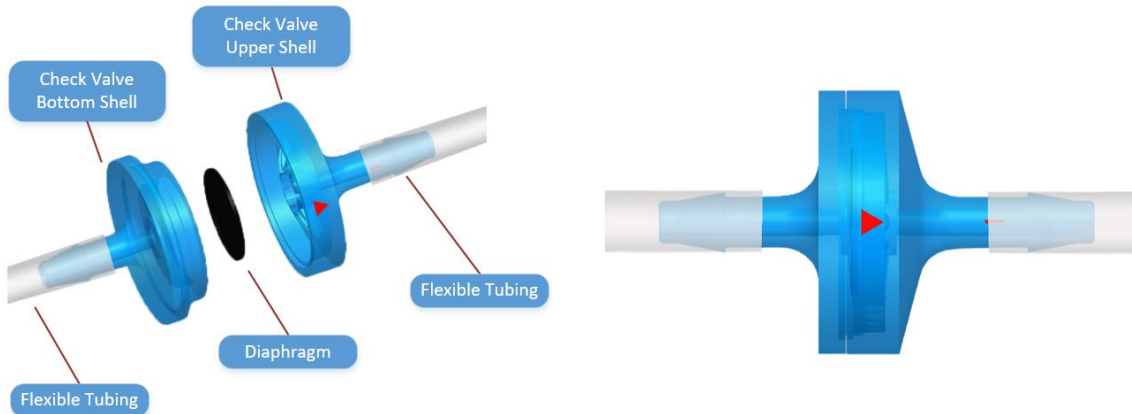
Part No.	Model	Material	Description
809286	LPBL-PP-N	PP-Natural	Male Luer Plug LPBL-PP-N 809286
809409	LPBL-PA-W	PA-White	Male Luer Plug LPBL-PA-W 809409

14. CV- Check Valve

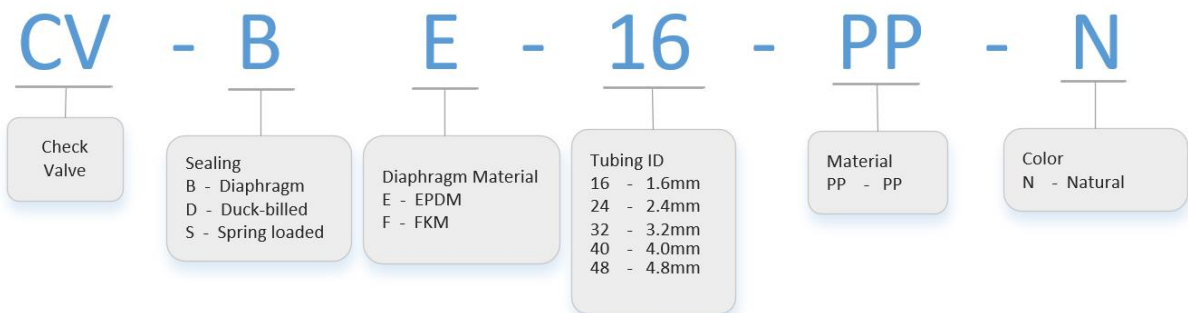
Feature

- Very low forward opening pressure and reverse cutoff pressure. Ultrasonic welding ensures the overall tightness
- PP outer shell and EPDM diaphragm

Illustration



Model Interpretation



E. g.
CV-BE-32-PP-N refers to Diaphragm Check Valve, material of diaphragm is EPDM, 3.2mm ID tubing, Outer shell of valve is PP material

Ordering Information

Note: Please consult the supplier for drawings of relevant dimension.

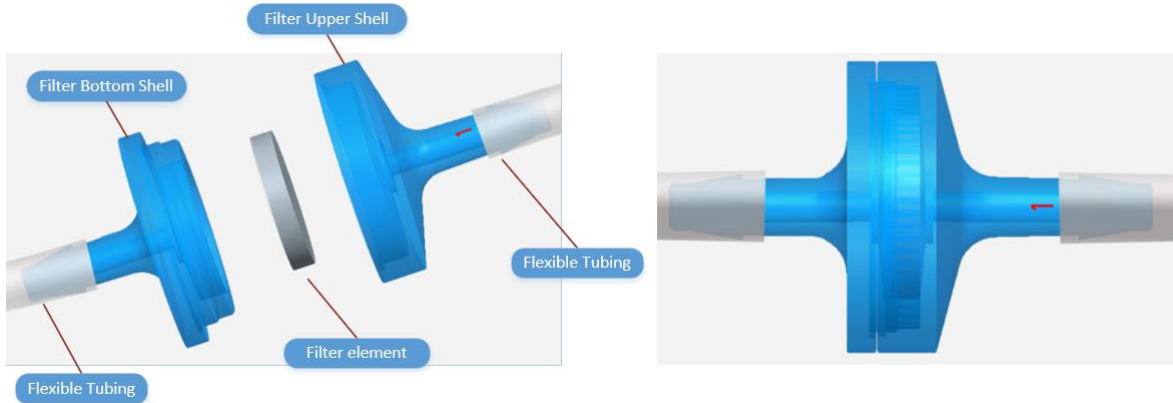
Part No.	Model	Diaphragm material	Tubing ID /mm	Shell material	Description
129001	CV-BE-32-PP-N	ERDM	3.2	PP-Natural	Diaphragm Check Valve CV-BE-32-PP-N 129001

15. F-Filter

Feature

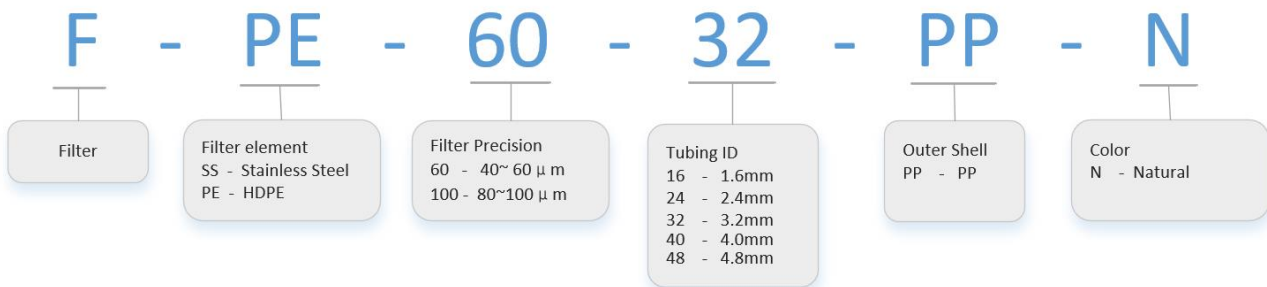
- 40~100µm Filter Precision. The filter is compact and easy-installing with barb in both sides.
- PP outer shell and PE sintering filter element
- Can replace the same product of Ark-plas

Illustration



Note: Please consult the supplier for drawings of relevant dimension.

Model Interpretation



E. g.
F-PE-60-32-PP-N refers to Filter with 40~60 µ m precision, HDPE filter element, 3.2mm ID tubing, PP outer shell, Natural

Ordering Information

Part No.	Model	Filter element	Tubing ID /mm	Shell material	Description
139003	F-PE-60-32-PP-N	HDPE	3.2	PP-Natural	Filter F-PE-60-32-PP-N 139003
139001	F-PE-100-32-PP-N	HDPE	3.2	PP-Natural	Filter F-PE-100-32-PP-N 139001

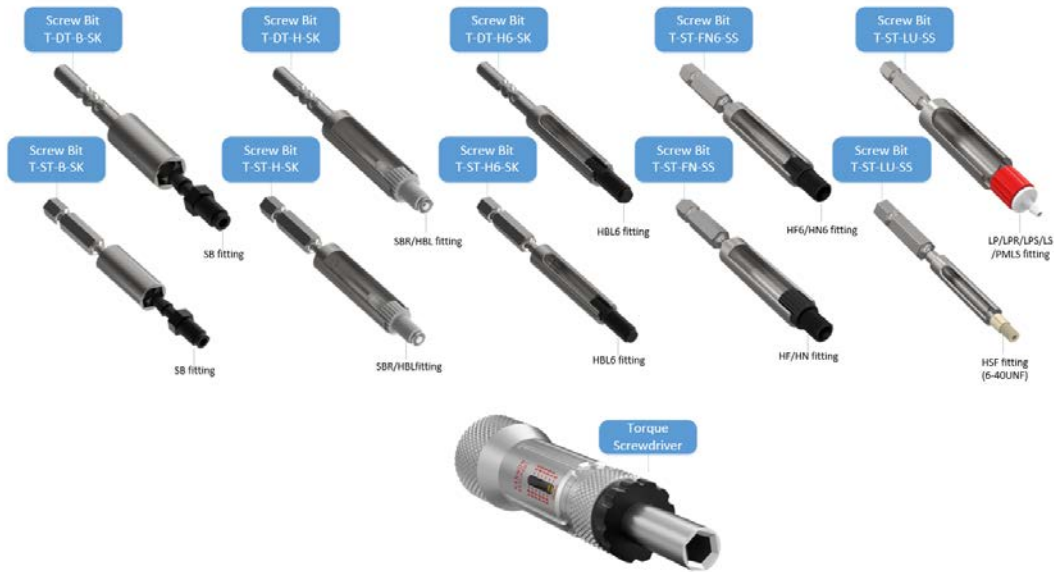
16. Tool

Feature

- Use to tighten the screws and fitting
- used together with electric screwdriver and torque screwdriver

Illustration

Torque Screwdriver & Screw Bits



Elbow Screw Bits



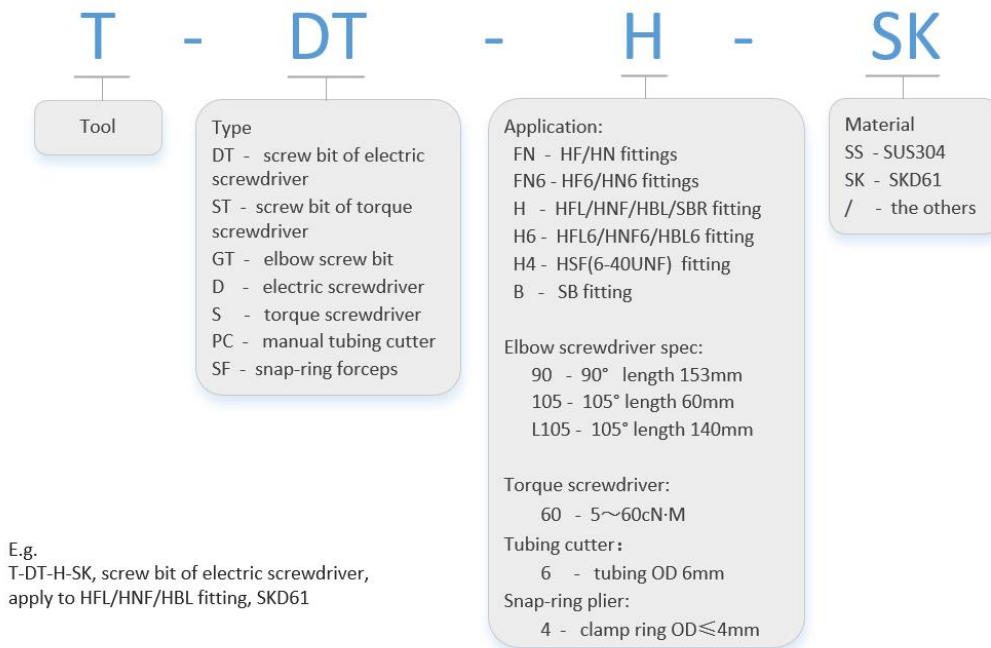
Tubing Cutter



Snap-ring Forceps



Model Interpretation



Ordering Information

Part No.	Model	Description	Remark
959004	T-ST-B-SK	Screw Bit of Torque Screw DriverT-ST-B-SK 959004	SB- Thread to Barb Connector
959003	T-DT-B-SK	Screw Bit of Electric Screw DriverT-DT-B-SK 959003	SB-Thread to Barb Connector
959006	T-ST-H-SK	Screw Bit of Torque Screw DriverT-ST-H-SK 959006	HBL/SBR Fittings
959005	T-DT-H-SK	Screw Bit of Electric Screw Driver T-DT-H-SK 959005	HBL/SBR Fittings
959007	T-ST-H6-SK	Screw Bit of Torque Screw DriverT-ST-H6-SK 959007	HBL6 Fittings
959008	T-DT-H6-SK	Screw Bit of Electric Screw DriverT-DT-H6-SK 959008	HBL6 Fittings
809738	T-ST-FN6-SS	Screw Bit of Torque Screw Driver T-ST-FN6-SS 809738	HF6/HN6 Fittings
809739	T-ST-FN-SS	Screw Bit of Torque Screw Driver T-ST-FN-SS 809739	HF/HN Fittings
809258	T-ST-H4-SK	Screw Bit of Torque Screw Driver T-ST-H4-SK 809258	Hsf6 (6-40UNF) Fittings
959015	T-ST-LU-SS	Screw Bit of Torque Screw Driver T-ST-LU-SS 959015	LP/LPR/LPS/LS/PMLS Fittings
959011	T-GT-105	Elbow Screw Bit T-GT-105 959011	Use with 6.35mm screw bit & torque screwdriver
959012	T-GT-L105	Elbow Screw Bit T-GT-L105 959012	Use with 6.35mm screw bit & torque screwdriver
959013	T-GT-90	Elbow Screw Bit T-GT-90 959013	Use with 6.35mm screw bit & torque screwdriver
956002	T-S-60	Torque Screw Driver T-S-60 956002	5 ~ 60 cN·m
959009	T-PC-6	Tubing Cutter T-PC-6 959009	For tubing with OD≤6mm
959016	T-SF-4-SS	Snap-ring Forceps T-SF-4-SS 959016	For tubing with OD≤4mm

17. Rigid Tubing-Fluor plastics Tubing

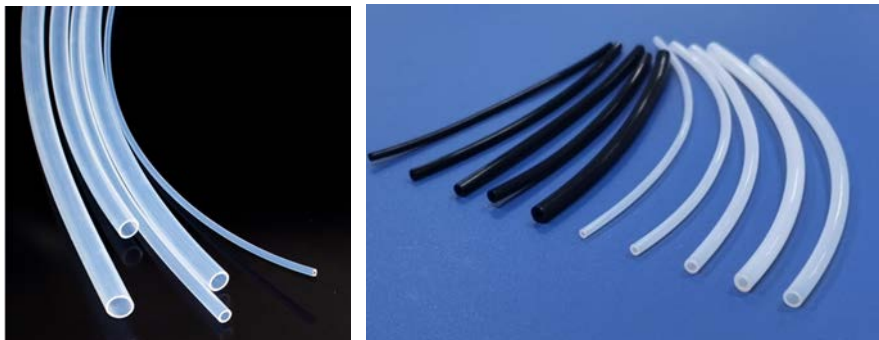
17.1 PTFE (Polytetrafluoroethylene) Tubing

Overview

PTFE, known as the King of Plastic, stands for polytetrafluoroethylene. It is provided with chemical stability, corrosion resistance, tightness, high lubrication and non-stick, specializing in electrical insulation, aging resistance and noninflammability. The PTFE material itself is non-toxic.

Feature

- ◆ Noninflammability
- ◆ Chemically resistant and inert
- ◆ Slippery surface & non-stick
- ◆ High pressure resistance
- ◆ Tight dimensional tolerance



Data Sheet

Properties	ASTM Method	Nominal Value
Density	D792	2.15
Hardness (Shoe A)	Durometer	D50 ~ D65
Water Absorption (%)	D570/24hrs 1/3"t	<0.005
Maximum Operating Temp (°C)	-	260
Minimum Operating Temp (°C)	-	-200
Color	-	Milk white/ Natural /Black
Melting Temp (°C)	-	327
Coefficient of linear thermal expansion (1/°C)	D696/23-60°C	10x10 ⁻⁵
Tensile Strength (MPa)	D638/23°C	14 ~ 35
Maximum tensile rate (%)	D638/23°C	200 ~ 400

Ordering Information

Part No.	Material	MWP(23°C)	Tubing ID/mm	Tubing OD/mm	Model
436012	PTFE (Black)	20bar	0.8mm	1.6mm	TH2-PTFE-B-08-16
436014	PTFE	20bar	0.8mm	1.6mm	TH2-PTFE-N-08-16
436015	PTFE (Black)	20bar	1.0mm	1.6mm	TH2-PTFE-B-10-16
436017	PTFE	20bar	1.0mm	1.6mm	TH2-PTFE-N-10-16
436021	PTFE (Black)	20bar	1.0mm	2.0mm	TH2-PTFE-B-10-20
436023	PTFE	20bar	1.0mm	2.0mm	TH2-PTFE-N-10-20
436024	PTFE	20bar	1.2mm	2.0mm	TH2-PTFE-N-12-20
436026	PTFE (Black)	20bar	1.5mm	2.5mm	TH2-PTFE-B-15-25
436028	PTFE	20bar	1.5mm	2.5mm	TH2-PTFE-N-15-25
436030	PTFE	20bar	2.2mm	2.8mm	TH2-PTFE-N-22-28
436033	PTFE (Black)	20bar	2.0mm	3.0mm	TH2-PTFE-B-20-30
436034	PTFE	20bar	2.0mm	3.0mm	TH2-PTFE-N-20-30
436035	PTFE (Black)	20bar	1.6mm	3.2mm	TH2-PTFE-B-16-32
436079	PTFE	20bar	1.6mm	3.2mm	TH2-PTFE-N-16-32

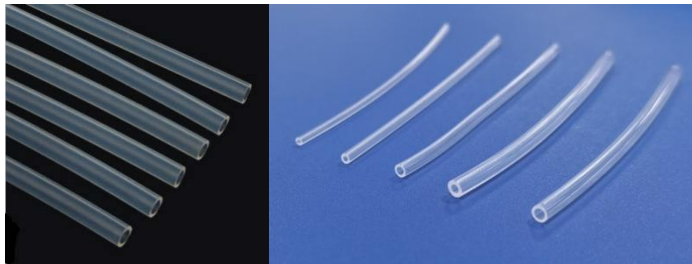
17.2 FEP (Fluorinated ethylene propylene) Tubing

Overview

FEP is a copolymer of tetrafluoroethylene and hexafluoropropylene. It is a modified material of polytetrafluoroethylene with similar properties and good processing performance of thermoplastic. Similarly, FEP is also characterized in excellent electrical insulation, high atmospheric, and stability. The irradiation resistance of FEP is better than PTFE.

Feature

- ◆ Wide temperature range, high-performance at low temperature
- ◆ Chemically resistant and inert
- ◆ Slippery surface & non-stick
- ◆ High pressure resistance
- ◆ Tight dimensional tolerance & aging resistance
- ◆ UV-resistant



Data Sheet

Properties	ASTM Method	Nominal Value
Density	D792	2.15
Hardness (Shoe A)	Durometer	D55
Water Absorption (%)	D570/24hrs 1/3"t	<0.01
Maximum Operating Temp (°C)	-	200
Minimum Operating Temp (°C)	-	-250
Color	-	Transparent
Melting Temp (°C)	-	270
Coefficient of linear thermal expansion (1/°C)	D696/23-60°C	8 ~ 10x10 ⁻⁵
tensile strength (MPa)	D638/23°C	19 ~ 22
Maximum tensile rate (%)	D638/23°C	250 ~ 330

Ordering Information

Part No.	Material	MWP (23°C)	Tubing ID/mm	Tubing OD/mm	Model
436001	FEP	20bar	0.8mm	1.6mm	TH2-FEP-T-08-16
436002	FEP	20bar	0.8mm	1.6mm	TH1-FEP-T-08-16
436004	FEP	20bar	1.0mm	2.0mm	TH1-FEP-T-10-20
436003	FEP	20bar	1.0mm	2.0mm	TH2-FEP-T-10-20
436005	FEP	20bar	1.5mm	2.5mm	TH1-FEP-T-15-25
436006	FEP	20bar	1.5mm	2.5mm	TH2-FEP-T-15-25
436007	FEP	20bar	2.0mm	3.0mm	TH2-FEP-T-20-30
436008	FEP	20bar	1.6mm	3.2mm	TH2-FEP-T-16-32

17.3 PU Tubing

Overview

PU material, namely polyurethane. It is specialized in chemical corrosion resistance, light weight, high wear resistance, anti-dyeing, anti-swelling and other properties with low performance in high temperature resistant and aging-resistant. It is mostly used for air pipes, water pipes and material transfer tubing.

Feature

- ◆ High consistency of tear resistance
- ◆ Optimal bending radius
- ◆ Good vibration resistance
- ◆ High wear resistance
- ◆ UV-resistant
- ◆ Excellent vacuum performance
- ◆ Suitable for application of pneumatic circuit



Data Sheet

Properties	ASTM Method	Nominal Value
Hardness (shore D)	DIN 53505	52
Color	-	Transparent
Specific Gravity (g/cm ³)	ISO 1183-1	1.25
Operating Temp (°C)	-	-20 to +70

Ordering Information

Part No.	Material	MWP (23°C)	Tubing ID/mm	Tubing oD/mm	Model
436045	PU	9bar	7.0mm	10.0mm	TH1-PU-T-70-100-25M
436043	PU	9bar	5.5mm	8.0mm	TH1-PU-T-55-80-25M
436040	PU	9bar	4.0mm	6.0mm	TH1-PU-T-40-60-25M
436038	PU	9bar	3.0mm	5.0mm	TH1-PU-T-30-50-25M

18. Flexible Tubing

18.1 PVC Tubing

Overview

When treated with certain catalysts, vinyl chloride monomers undergo polymerization and form the larger compound known as polyvinyl chloride (PVC). PVC tubing has good flexibility, chemical compatibility and some other characteristic, thus it is transparent, therefore it is widely used in medical, food, beverage industries etc.

Feature

- ◆ Smooth inner wall, transparent and soft
- ◆ Crack-resistant and durable
- ◆ Anti-oxidation, anti-pollution
- ◆ No phthalates
- ◆ Excellent chemical compatibility
- ◆ Easy insert and unplug, reliable connection
- ◆ High vacuum resistance



Data Sheet

Properties	ASTM Method	Nominal Value
Hardness (shore A)	D2240-02	55/65
Color	-	Transparent
Specific Gravity	D792-00	1.15
Tensile strength (MPa)	D412-98	12
Tearing strength (kN/m)	D1004-94	32
Max. elongation (%)	D412-98	390
Compression set (%)	D395-01 方法 B	59
Tensile set (%)	D412	57
Water Absorption (%)	D1004-94	0.3
Maximum Operating Temp (°C)	-	74
Glass transition temp (°C)	D746-98	-36

Ordering Information

Part No.	Material	Working Pressure(23°C)	Hardness (ShoreA)	Tubing ID/mm	Tubing OD/mm	Model
438001	PVC	2.5bar	55	1.6mm	3.2mm	M3600-16-32-30M
438002	PVC	2.0bar	55	2.0mm	4.0mm	M3600-20-40-30M
438003	PVC	1.7bar	55	2.4mm	4.0mm	M3600-24-40-30M
438004	PVC	2.5bar	55	3.2mm	6.4mm	M3600-32-64-30M
438006	PVC	2.0bar	55	4.0mm	7.1mm	M3600-40-71-30M
438005	PVC	2.5bar	55	4.8mm	7.9mm	M3600-48-79-30M
438008	PVC	1.4bar	55	6.4mm	9.5mm	M3600-64-95-15M
438009	PVC	1.4bar	55	9.5mm	14.3mm	M3600-95-143-15M
439001	PVC	3.0bar	65	1.6mm	3.2mm	E3600-16-32-30M
439002	PVC	2.5bar	65	2.0mm	4.0mm	E3600-20-40-30M
439003	PVC	2.0bar	65	2.4mm	4.0mm	E3600-24-40-30M
439004	PVC	3.0bar	65	3.2mm	6.4mm	E3600-32-64-30M
439006	PVC	3.0bar	65	4.0mm	7.1mm	E3600-40-71-30M
439005	PVC	2.0bar	65	4.8mm	7.9mm	E3600-48-79-30M
439009	PVC	2bar	65	6.4mm	9.5mm	E3600-64-95-15M
439010	PVC	2.5bar	65	7.9mm	12.7mm	E3600-79-127-15M
439011	PVC	2bar	65	9.5mm	14.3mm	E3600-95-143-15M
439014	PVC	1.7bar	65	11.1mm	15.9mm	E3600-111-159-15M
439012	PVC	2bar	65	12.7mm	19.1mm	E3600-127-191-15M

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Address: 1401-1, 1st Building, BaiWang R&D Building, 5158th Sha He West Road, Nanshan District, Shenzhen, 518055, P.R.China.

Tel: +86-755-8655-3831

www.foreachtek.com E-mail : info@foreachtek.com