

Features

1. Recommended for use in pneumatic instrumentation circuits, lubricant and cooling lines.
2. Provides excellent resistance to vibration.
3. Used with plastic & soft metal tubing. Not recommended for hard metal tubing.
Brass sleeve and nut combination are recommended for use with nylon or metal tubing.
4. All fittings brass body (nickel-plated available) with Knurl/hex Nuts and plastic sleeve.
5. No flaring of tubing required. Easy installation, captive sleeve, pre-assembled for installation and can be reassembled.



Poly Tube Fittings With Plastic Sleeve

Interchangeability

Poly-Flo®, Poly-Tite®(Paker), Poly-Line®(Weatherhead), Poly-Fit®, Poly-Connect®(Anderson), SMC KF Series

Specification

1. Temperature Range: When using compatible plastic tubing do not exceed the tubing temperature range.
2. Pressure: -1 bar(vacuum) to 50 bar. When using plastic tube, make sure the working pressure conform to specification of tube.

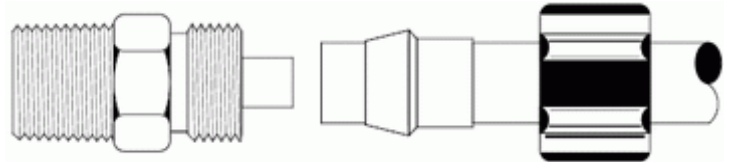
Applications

For use in instrumentation, automation and signal circuits, Manufactured for low and medium pressure line connection work.

Installation Instructions

- For polyethylene, polypropylene and vinyl tubing:

1. Cut tubing squarely—maximum of 15° angle allowable.
2. Check that port or mating part is clean and free of debris.
3. Insert tube to the bottoms and tighten Knurl/hex nut finger-tight & plus one wrench turn.



- For copper, aluminum and nylon tubing:

1. Brass sleeves are recommended. Insert tube until it bottoms in the Poly-Tube fittings & tighten one wrench turn past finger-tight.

Nomenclature

Model Number **1268 - 06 02**

Material

- B-Brass (default)
- S-Steel (suffix)
- SS-Stainless Steel (suffix)
- B-Barstock (Prefix)

Contact us for special size or configuration.

Tube Dia		Thread			
Metric(M)	Inch	BSPT(R)	BSPP(G)	NPT(NPTF)	UNF(TUBE)
M04=4mm	02=1/8"	M03=M3x0.5	G02=G 1/8	02=NPT 1/8	U02=DASH 1/8
M06=6mm	03=3/16"	M05=M5x0.8	G04=G 1/4	04=NPT 1/4	U04=DASH 1/4
M08=8mm	04=1/4"	R02=R 1/8	G06=G 3/8	06=NPT 3/8	U06=DASH 3/8
M10=10mm	05=5/16"	R04=R 1/4	G08=G 1/2	08=NPT 1/2	U08=DASH 1/2
M12=12mm	06=3/8"	R06=R 3/8
M14=14mm	08=1/2"	R08=R 1/2	Prefix	Default	Prefix
.....	Different type end has its own UNF thread, Please see thread chart for details or as below		
Prefix	Default	Prefix			

catalogue only show inch size

Pipe Size	02	03	04	05	06	08
UNF Thread	5/16-24	3/8-24	3/8-24	7/16-24	1/2-24	1 1/16-20

1260

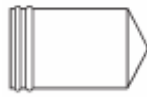
Plastic Sleeve



PART#	ΦD
1260-04	1/4
1260-05	5/16
1260-06	3/8
1260-08	1/2

1260C

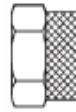
Poly Tube Cap



PART#	ΦD
1260C-04	1/4
1260C-06	3/8
1260C-08	1/2

1261

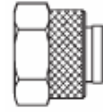
Poly Tube Nut



PART#	ΦD
1261-04	1/4
1261-05	5/16
1261-06	3/8
1261-08	1/2

1261P

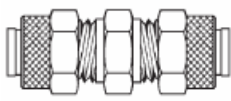
Nut & Sleeve Assembly



PART#	ΦD
1261P-02	1/8
1261P-03	3/16
1261P-04	1/4
1261P-05	5/16
1261P-06	3/8
1261P-08	1/2

1262

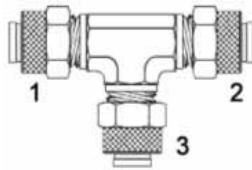
Poly Tube Union



PART#	ΦD	ΦD
1262-02	1/8	1/8
1262-03	3/16	3/16
1262-04	1/4	1/4
1262-0604	3/8	1/4
1262-06	3/8	3/8
1262-08	1/2	1/2

1264

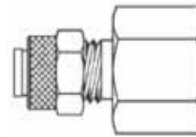
Union Tee



PART#	ΦD _{1,2}	ΦD ₃
1264-02	1/8	1/8
1264-03	3/16	3/16
1264-04	1/4	1/4
1264-0604	3/8	1/4
1264-06	3/8	3/8
1264-08	1/2	1/2

1266

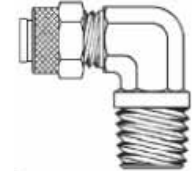
Female Connector



PART#	ΦD	T
1266-0202	1/8	1/8
1266-0302	3/16	1/8
1266-0304	3/16	1/4
1266-0402	1/4	1/8
1266-0404	1/4	1/4
1266-0502	5/16	1/8
1266-0504	5/16	1/4
1266-0602	3/8	1/8
1266-0604	3/8	1/4
1266-0806	1/2	3/8

1269

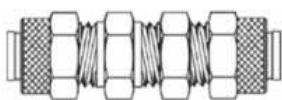
Male Elbow



PART#	ΦD	T
1269-0202	1/8	1/8
1269-0302	3/16	1/8
1269-0402	1/4	1/8
1269-0404	1/4	1/4
1269-0406	1/4	3/8
1269-0502	5/16	1/8
1269-0602	3/8	1/8
1269-0604	3/8	1/4
1269-0606	3/8	3/8
1269-0806	1/2	3/8

1274

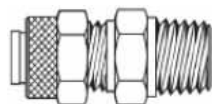
Bulkhead Union



PART#	ΦD	ΦD
1262-04	1/4	1/4
1262-05	5/16	5/16
1262-06	3/8	3/8

1268

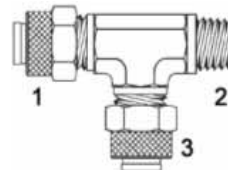
Male Connector



PART#	ΦD	T
1268-0200	1/8	UNF10-32
1268-0202	1/8	1/8
1268-0302	3/16	1/8
1268-0400	1/4	UNF10-32
1268-0402	1/4	1/8
1268-0404	1/4	1/4
1268-0406	1/4	3/8
1268-0502	5/16	1/8
1268-0504	5/16	1/4
1268-0602	3/8	1/8
1268-0604	3/8	1/4
1268-0606	3/8	3/8
1268-0806	1/2	3/8
1268-0808	1/2	1/2

1271

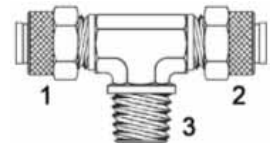
Male Run Tee



PART#	ΦD _{1,3}	T ₂
1271-0202	1/8	1/8
1271-0302	3/16	1/8
1271-0402	1/4	1/8
1271-0404	1/4	1/4
1271-0502	5/16	1/8
1271-0604	3/8	1/4
1271-0806	1/2	3/8

1272

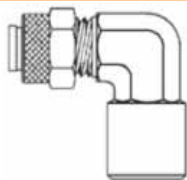
Male Branch Tee



PART#	ΦD _{1,2}	T ₃
2272-0202	1/8	1/8
2272-0302	3/16	1/8
2272-0402	1/4	1/8
2272-0404	1/4	1/4
2272-0502	5/16	1/8
2272-0604	3/8	1/4
2272-0806	1/2	3/8

1270

Female Elbow



PART#	ΦD	T
1270-0202	1/8	1/8
1270-0302	3/16	1/8
1270-0402	1/4	1/8
1270-0404	1/4	1/4
1270-0604	3/8	1/4
1270-0806	1/2	3/8