

Tube Fittings

Specifications | Pressure: 100 psi, 7.0 bar | Temperature: 32° F to 230° F (0° C to 110° C) | Material: Polypropylene



TERMINATION
HOSE BARB UNION
Straight

PART NO.	DESCRIPTION
HS2	1/16" x 1/16" Hose barb
HS3	3/32" x 3/32" Hose barb
HS4	1/8" x 1/8" Hose barb



TERMINATION
HOSE BARB UNION
Tee & Elbow

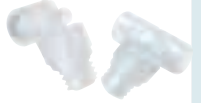
TEE PART NO.	TEE DESCRIPTION
HT2	1/16" x 1/16" x 1/16" Hose barb
HT3	3/32" x 3/32" x 3/32" Hose barb
HT4	1/8" x 1/8" x 1/8" Hose barb

ELBOW PART NO.	ELBOW DESCRIPTION
HE2	1/16" x 1/16" Hose barb
HE3	3/32" x 3/32" Hose barb
HE4	1/8" x 1/8" Hose barb



TERMINATION
HOSE BARB X
10-32 THREAD
Straight

PART NO.	DESCRIPTION
MS2	1/16" Hose barb x 10-32 thread
MS3	3/32" Hose barb x 10-32 thread
MS4	1/8" Hose barb x 10-32 thread



TERMINATION
HOSE BARB X
10-32 THREAD
Tee & Elbow

TEE PART NO.	TEE DESCRIPTION
MT2	1/16" x 1/16" Hose barb x 10-32 thread
MT3	3/32" x 3/32" Hose barb x 10-32 thread
MT4	1/8" x 1/8" Hose barb x 10-32 thread

ELBOW PART NO.	ELBOW DESCRIPTION
ME2	1/16" Hose barb x 10-32 thread
ME3	3/32" Hose barb x 10-32 thread
ME4	1/8" Hose barb x 10-32 thread



TERMINATION
Miscellaneous

PART NO.	DESCRIPTION
MP	10-32 Plug
N32	10-32 x 10-32 Nipple

Specifications | Material: Acetal | Nut: Nickel-plated brass



TERMINATION
PANEL MOUNT
HOSE BARB UNION
Straight

TUBING	METRIC EQ.	PART NO.	PANEL OPENING
1/8" ID x 1/8" ID	3.2 x 3.2mm	BHU2202	1/2"
1/4" ID x 1/4" ID	6.4 x 6.4mm	BHU2204	1/2"
3/8" ID x 3/8" ID	9.5 x 9.5mm	BHU2206	1/2"

NOTE: Colder's threaded fittings require no gasket for a reliable seal and also allow the fitting to be directionally oriented without a gasket.

Luer Fittings



Luers are a common choice for limited use or disposable applications where a shut-off valve is not required. Colder's luer fittings are suitable for small flow applications, typically less than 1/4", and feature parting line-free hose barb. They mate with luers manufactured to ISO Standards 594-1 and 594-2 and are the preferred choice when looking for high quality, precision molded fluid components.

Male Luers

Specifications | Materials: Nylon or Polypro



PART NO.	DESCRIPTION
LM2161	Nylon 1/16" Hose barb
LM2112	Polypro 1/16" Hose barb
LM3161	Nylon 3/32" Hose barb
LM3112	Polypro 3/32" Hose barb



PART NO.	DESCRIPTION
LM4161	Nylon 1/8" Hose barb
LM4112	Polypro 1/8" Hose barb



PART NO.	DESCRIPTION
LM5161	Nylon 5/32" Hose barb
LM5112	Polypro 5/32" Hose barb



PART NO.	DESCRIPTION
LM6161	Nylon 3/16" Hose barb
LM6112	Polypro 3/16" Hose barb

Female Luers



PART NO.	DESCRIPTION
LF2161	Nylon 1/16" Hose barb
LF2112	Polypro 1/16" Hose barb
LF3161	Nylon 3/32" Hose barb
LF3112	Polypro 3/32" Hose barb



PART NO.	DESCRIPTION
LF4161	Nylon 1/8" Hose barb
LF4112	Polypro 1/8" Hose barb



PART NO.	DESCRIPTION
LF5161	Nylon 5/32" Hose barb
LF5112	Polypro 5/32" Hose barb



PART NO.	DESCRIPTION
LF6161	Nylon 3/16" Hose barb
LF6112	Polypro 3/16" Hose barb




NOTE: All measurements are in inches (millimeters) unless otherwise noted. Tubing must meet stated inside and outside diameters. Couplings are pictured with valves unless otherwise noted.

Accessories

TERMINATION FERRULELESS POLYTUBE FITTING, PTF†	PIPE THREAD	TUBING	TUBING DIMENSION		PART NO.	LENGTH		
	10-32*	1/8"	.07" ID .125 OD	TF1002	.64			
	10-32*	1/4"	.17" ID .250 OD	TF1004	.86			
	1/8" NPT	1/8"	.07" ID .125 OD	TF2002	.98			
	1/8" NPT	1/4"	.17" ID .250 OD	TF2004	1.10			
	1/8" NPT	3/8"	.25" ID .375 OD	TF2006	1.24			
	1/4" NPT	1/4"	.17" ID .250 OD	TF4004	1.20			
1/4" NPT	3/8"	.25" ID .375 OD	TF4006	1.34				
TERMINATION FERRULELESS POLYTUBE FITTING NUTS, PTF† REPLACEMENT PARTS	TUBING	PART NO.	TUBING	PART NO.				
	5/32" OD	269700	4.0mm OD	269700				
	1/4" OD	100800	8.0mm OD	339500				
3/8" OD	108900	10.0mm OD	358400					
DESCRIPTION INSERT SEALS REPLACEMENT PARTS	COUPLING SERIES			BUNA-N	FLUOROCARBON	EPDM		
	MC, PMC			730800	730804	730803		
	LC, PLC, EFC, APC, Twin Tube™ large o-ring (1.78mm cross section)			731100	731104	731103		
	SMC, Twin Tube small o-ring			730600	730604	730603		
	HFC/FFC			731600	731604	731603		
	3FL				1262600			
5FL				1262700				
DESCRIPTION PANEL MOUNT NUTS	COUPLING SERIES NUTS		NICKEL BRASS	ACETAL	316 STAINLESS	POLYPROPYLENE (PP) POLYSULFONE (PSF)		
	MC, PMC, PMC12		100900	664400	100901	—		
	LC, PLC, EFC, PLC12, APC		120700	520300	120701	—		
	HFC		—	—	—	621300 (PP)		
						694300 (PSF)		
DESCRIPTION DUST CAPS & PLUGS	COUPLING SERIES		BODY PLUG		INSERT CAP		 <p>Sealing</p> <p>Non-sealing</p>	
	MC, PMC non-sealing		PMC31		PMC32			
	LC, PLC non-sealing		PLC310		PLC320			
	APC, EFC non-sealing		—		PLC320			
	PMC pressure-sealing		PMC30		—			
	PLC pressure-sealing		PLC300		—			
	HFC/FFC non-sealing (not shown)		HFC312 L (with leash)		—			
		HFC312 (no leash)		—				

Manifolds

Specifications | Material: Aluminum | Finish: Black anodized

DESCRIPTION 10-32 Ported Manifold with 1/8" NPT End Port	PART NO.	SIDE PORTS	END PORTS	LENGTH	
	32M3	3	1	2.30"	
	32M4	4	1	2.80"	
32M5	5	1	3.30"		
DESCRIPTION 1/8" NPT Ported Manifold with 1/8" NPT End Port	PART NO.	SIDE PORTS	END PORTS	LENGTH	
	2M3	3	1	3.10"	
	2M4	4	1	4.00"	
2M5	5	1	4.90"		
DESCRIPTION 1/4" NPT Ported Manifold with 1/4" NPT End Port	PART NO.	SIDE PORTS	END PORTS	LENGTH	
	4M3	3	2	3.80"	
	4M4	4	2	4.80"	
4M5	5	2	5.80"		

JG® Push-To-Connect Accessories

DESCRIPTION	TUBING	PART NO.	DESCRIPTION	TUBING	PART NO.
<i>IN-LINE LOCKING CLIPS, RED</i>	1/4" Tube OD	1011900	<i>IN-LINE COLLET COVERS, COLOR CODED</i>	1/4" Tube OD	1012101 to 06
	3/8" Tube OD	1012000		3/8" Tube OD	1012201 to 06

Colors available, shown right. Please indicate color using the following suffix codes: 01=Black, 02=Red, 03=Yellow, 04=Gray, 05=Blue, 06=Green (Example: 1012101 is the code for a 1/4" collet cover in black.) **NOTE:** See pages 32 and 33 for JG couplings.



†NOTE: Colder's Ferruleless Polytube Fitting terminations do not require ferrules to achieve a secure connection, which makes them easier to use and reuse. PTF fittings are designed for semi-rigid tubing, i.e., polyethylene, nylon, polyurethane, etc. *NOTE: Gaskets are not included with 10-32 PTF style fittings. To prevent leakage with these fittings, we recommend using LOCTITE® Removable Threadlocker 242 or Permanent Threadlocker 262.

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