

THERMOPLASTIC QUICK COUPLINGS

POLYPROPYLENE

1/8" Flow, FT-PMC-12 & 1/4" Flow, FT-PLC-12 Series

Polypropylene couplings in 1/8 and 1/4 flow. This series of couplings offers most of the same sizes and configurations as the FT-PMC and FT-PLC Series with the addition of greater chemical resistance material.

Note: Polypropylene couplings do not interchange with acetal or chrome-plated brass.

- ✓ Excellent Chemical Resistance
- ✓ Sizes From 1/16 to 3/8" ID
- ✓ Many Configurations
- ✓ Gamma Sterilizable

Applications

- ✓ Photographic Chemicals
- ✓ Plating Solutions
- ✓ Caustic Chemicals
- ✓ Medical Devices




FT-PMC/PLC

\$8

Basic Unit

Coupling Bodies 1/8 & 1/4" Flow

 MOST POPULAR MODELS HIGHLIGHTED!

PIPE THREAD		MALE THREAD	SHUTOFF MODEL NUMBER	PRICE	FLOW	LENGTH
 <p>1/8" Flow-5/8" Hex 1/4" Flow-3/4" Hex</p>		1/8" NPT	FT-PMCD10-02-12	\$8	1/8"	1.02"
		1/4" NPT	FT-PMCD10-04-12	9	1/8"	1.10"
		1/4" NPT	FT-PLCD100-04-12	9	1/4"	1.15"
		3/8" NPT	FT-PLCD100-06-12	10	1/4"	1.15"
PANEL MOUNT*						
Ferrules Polytube Fitting†, PTF						
TUBING SIZE OD x ID	METRIC EQ MM	SHUTOFF MODEL NUMBER	PRICE	FLOW	LENGTH	
1/4 x 0.170"	6 x 4.3	FT-PMCD12-04-12	\$13	1/8"	1.72"	
3/8 x 0.250"	9.5 x 6	FT-PLCD120-06-12	18	1/4"	1.97"	
Hose Barb						
1/16" ID	—	FT-PMCD16-01-12	\$13	1/8"	1.40"	
1/8" ID	3.2 ID	FT-PMCD16-02-12	12	1/8"	1.65"	
1/4" ID	6.4 ID	FT-PMCD16-04-12	12	1/8"	1.85"	
1/4" ID	6.4 ID	FT-PLCD160-04-12	17	1/4"	1.95"	
3/8" ID	9.5 ID	FT-PLCD160-06-12	17	1/4"	1.95"	
IN LINE						
Ferrules Polytube Fitting†, PTF						
TUBING SIZE OD x ID	METRIC EQ MM	SHUTOFF MODEL NUMBER	PRICE	FLOW	LENGTH	
1/4 x 0.170"	6 x 4.3	FT-PMCD13-04-12	\$12	1/8"	1.74"	
3/8 x 0.250"	9.5 x 6	FT-PLCD130-06-12	17	1/4"	1.97"	
Hose Barb						
1/16" ID	1.6 ID	FT-PMCD17-01-12	\$13	1/8"	1.41"	
1/8" ID	3.2 ID	FT-PMCD17-02-12	11	1/8"	1.67"	
1/4" ID	6.4 ID	FT-PMCD17-04-12	12	1/8"	1.87"	
1/4" ID	6.4 ID	FT-PLCD170-04-12	12	1/4"	1.97"	
3/8" ID	9.5 ID	FT-PLCD 170-06-12	12	1/4"	1.97"	
Softube Fitting						
1/4 x 3/8"	6 x 9.5	FT-PLCD170-406-12	\$16	1/4"	2.30"	
3/8 x 1/2"	9.5 x 12.7	FT-PLCD170-608-12	17	1/4"	2.36"	

* Panel Opening = 1/2" PMC, 1/16" Diameter
Maximum Panel Thickness = 1/2"
Minimum Panel Thickness = 0.020"
Panel Nuts = 5/8" Hex PMC, 1/16" Hex

† PTF fittings are designed for semi-rigid tubing, i.e. polyethylene, nylon etc. and polyurethane tubing.

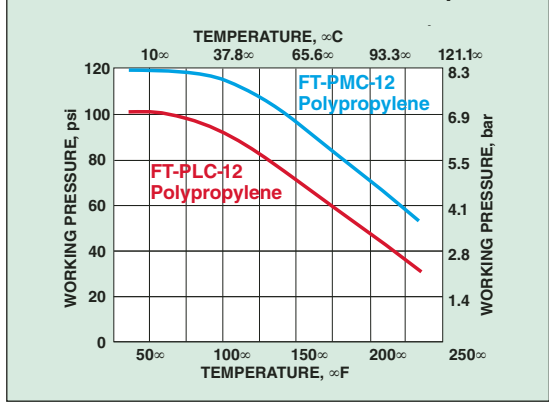
Polypropylene coupling halves do not interchange with other materials.

SPECIFICATIONS

Materials:

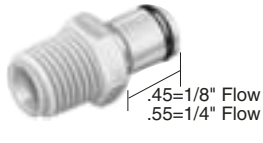

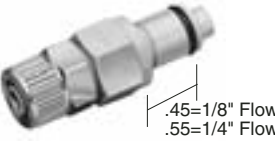
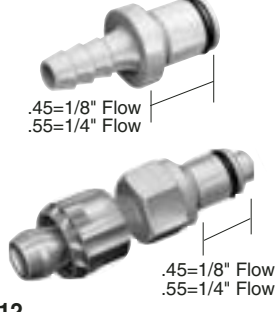

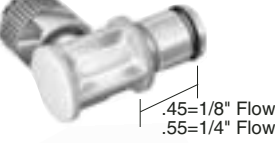

- Bodies and Valves:** Polypropylene
- Internal Springs:** 316 Stainless Steel
- External Springs, Pin, Latch:** Stainless Steel
- Seals:** EPR, others available
- Color:** Almond
- Tubing Sizes:** 1/16 thru 3/8" ID 1/4" and 3/8" OD 6 x 4 mm thru 10 x 6.4 mm (OD x ID) 1.6 mm thru 9.5 mm ID
- Working Pressure:** Vacuum to max. 120 psi, 8.3 bar (see graph)
- Operating Temperature:** Min 0°C (32°F), max 110°C (230°F) (see graph)

FT-PLC/PMC-12 Series Pressure to Temperature



Inserts 1/8" & 1/4" Flow

MOST POPULAR MODELS HIGHLIGHTED!

PIPE THREAD		MALE THREAD	STRAIGHT THRU MODEL NUMBER	PRICE	MODEL NUMBER	SHUTOFF PRICE	LENGTH			
							FLOW	THRU	S.OFF	
		1/8" NPT	FT-PMC24-02-12	\$4	FT-PMCD24-02-12	\$9	1/8"	1.03"	1.33"	
		1/4" NPT	FT-PLC240-04-12	6	FT-PLCD240-04-12	10	1/4"	1.25"	1.51"	
PANEL MOUNT		Hose Barb								
		TUBING SIZE OD x ID	METRIC EQ MM	STRAIGHT THRU MODEL NUMBER	PRICE	SHUTOFF MODEL NUMBER	PRICE	LENGTH		
								FLOW	THRU	S.OFF
		1/4" ID	6.4	FT-PLC420-04-12	\$8	FT-PLCD420-04-12	\$11	1/4"	1.91"	1.91"
		3/8" ID	9.5	FT-PLC420-06-12	8	FT-PLCD420-06-12	13	1/4"	1.91"	1.91"
STRAIGHTS		Ferrules Polytube Fitting†, PTF								
		TUBING SIZE OD x ID	METRIC EQ MM	STRAIGHT THRU MODEL NUMBER	PRICE	SHUTOFF MODEL NUMBER	PRICE	LENGTH		
								FLOW	THRU	S.OFF
		1/4 x 0.170"	6 x 4.3	FT-PMC20-04-12	\$4	FT-PMCD20-04-12	\$9	1/8"	1.15"	1.45"
			9.5	FT-PLC200-06-12	5	FT-PLCD200-06-12	12	1/4"	1.38	1.68"
		Hose Barb								
		1/16" ID	—	FT-PMC22-01-12	\$4	FT-PMCD22-01-12	\$10	1/8"	0.80"	1.35"
		1/8" ID	3.2 ID	FT-PMC22-02-12	2	FT-PMCD22-02-12	8	1/8"	1.05"	1.55"
		1/4" ID	6.4 ID	FT-PMC22-04-12	2	FT-PMCD22-04-12	9	1/8"	1.25"	1.58"
		1/4" ID	6.4 ID	FT-PLC220-04-12	2	FT-PLCD220-04-12	9	1/4"	1.35"	1.86"
3/8" ID	9.5 ID	FT-PLC220-06-12	2	FT-PLCD220-06-12	10	1/4"	1.35"	1.67"		
		Softube Fitting								
		1/4 x 3/8"	6 x 9.5			FT-PLCD220-406-12	\$13	1/4"	2.11"	2.11"
		3/8 x 1/2"	9.5 x 12.7			FT-PLCD220-608-				
		1/2"	12.7	2.01"	2.01"					
ELBOWS		Ferrules Polytube Fitting†, PTF								
		TUBING SIZE	METRIC	STRAIGHT THRU		SHUTOFF		LENGTH		
								FLOW	THRU	S.OFF
		1/4 x 0.170"	6 x 4.3	—	—	FT-PMCD21-04-12	\$14	1/8"	1.17"	1.09"
		3/8 x 0.250"	9.5 x 6	FT-PLC210-06-12	\$7	FT-PLCD210-06-12	14	1/4"	1.29"	1.22"
		1/8" ID	3.2 ID	FT-PMC23-02-12	\$6	FT-PMCD23-02-12	\$12	1/8"	1.09"	1.09"
		1/4" ID	6.4 ID	FT-PMC23-04-12	6	FT-PMCD23-04-12	12	1/8"	1.09"	1.09"
		1/4" ID	6.4 ID	FT-PLC230-04-12	7	FT-PLCD230-04-12	11	1/4"	1.21"	1.21"
		3/8" ID	9.5 ID	FT-PLC230-06-12	7	FT-PLCD230-06-12	12	1/4"	1.21"	1.21"

Polypropylene coupling halves do not interchange with other materials.

Ordering Example: FT-PMCD17-02-12, 1/8" ID hose barb body, and FT-PMC22-02-12, 1/8" hose barb insert, \$11 + 2 = \$13.

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