

THERMOPLASTIC QUICK COUPLINGS

ACETAL

1/4" Flow, FT-PLC Series for 1/4 to 3/8" Tubing

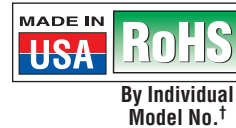
Acetal, our most popular couplings. With 1/4" flow, they offer the widest selection of sizes and configurations for 1/4 to 3/8" plastic tubing.

FT-PLC Series Features

- ✓ Straight Thru, Single End or Double End Shutoff
- ✓ Small Package Size
- ✓ Leak Free O-Ring Seal
- ✓ Special Configurations Quoted

Applications

- ✓ Water and Air Supply Lines
- ✓ Potable Water
- ✓ Cooling Lines
- ✓ Mild Chemical Handling
- ✓ Beverage Dispensing



FT-PLC Series Starts at **\$6**

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)							
PIPE THREAD 	MALE THREAD		STRAIGHT THRU MODEL NO.	PRICE	SHUTOFF MODEL NO.	PRICE	LENGTH
	1/4" NPT		FT-PLC100-04	\$6	FT-PLCD100-04	\$7	1.15"
	3/8" NPT		FT-PLC100-06	6	FT-PLCD100-06	7	1.15"
	1/4" BSPT		FT-PLC100-04BS	6	FT-PLCD100-04BS	7	1.15"
	3/8" BSPT		FT-PLC100-06BS	6	FT-PLCD100-06BS	7	1.15"
PANEL MOUNT* 	Ferrules Polytube Fitting^{††}, PTF						
	TUBING SIZE OD x ID	METRIC EQ mm	STRAIGHT THRU MODEL NO.	PRICE	SHUTOFF MODEL NO.	PRICE	LENGTH
	1/4 x 0.170"	6 x 4.3	FT-PLC120-04	\$13	FT-PLCD120-04	\$14	1.83"
	— —	8 x 6	FT-PLC120-M8	14	FT-PLCD120-M8	15	1.95"
	3/8 x 0.270"	9.5 x 6	FT-PLC120-06	13	FT-PLCD120-06	14	1.95"
	— —	10 x 8	FT-PLC120-M10	15	FT-PLCD120-M10	16	1.95"
	Hose Barb						
	1/4" ID	6.4 ID	FT-PLC160-04	\$12	FT-PLCD160-04	\$14	1.95"
	5/16" ID	7.9 ID	FT-PLC160-05	13	FT-PLCD160-05	15	1.95"
	3/8" ID	9.5 ID	FT-PLC160-06	12	FT-PLCD160-06	14	1.95"

IN LINE, Streamline Design

	Ferrules Polytube Fitting^{††}, PTF						
	TUBING SIZE OD x ID	METRIC EQ mm	STRAIGHT THRU MODEL NO.	PRICE	SHUTOFF MODEL NO.	PRICE	LENGTH
	1/4 x 0.170"	6 x 4.3	FT-PLC130-04	\$9	FT-PLCD130-04	\$10	1.82"
	— —	8 x 6	FT-PLC130-M8	10	FT-PLCD130-M8	11	1.95"
	3/8 x 0.250"	9.5 x 6	FT-PLC130-06	9	FT-PLCD130-06	10	1.95"
	— —	10 x 8	FT-PLC130-M10	11	FT-PLCD130-M10	12	1.95"
	Hose Barb						
	1/4" ID	6.4 ID	FT-PLC170-04	\$6	FT-PLCD170-04	\$7	1.95"
	5/16" ID	7.9 ID	FT-PLC170-05	6	FT-PLCD170-05	7	1.95"
	3/8" ID	9.5 ID	FT-PLC170-06	6	FT-PLCD170-06	7	1.95"

Acetal and Chrome-Plated Brass coupling halves interchangeable.

* Panel Opening = 11/16" Diameter
 Maximum Panel Thickness = 1/2"
 Minimum Panel Thickness = 0.020"
 Panel Nuts = 13/16" Hex

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

† Visit omega.com/rohs to determine specific RoHS compliance.

SPECIFICATIONS

Working Pressure:

Vacuum to 120 psi (8.3 bar)

Operating Temperature:

-40 to 82°C (-40 to 180°F) continuous

Materials:

Bodies and Valves: Acetal

Internal Spring: 316 Stainless Steel

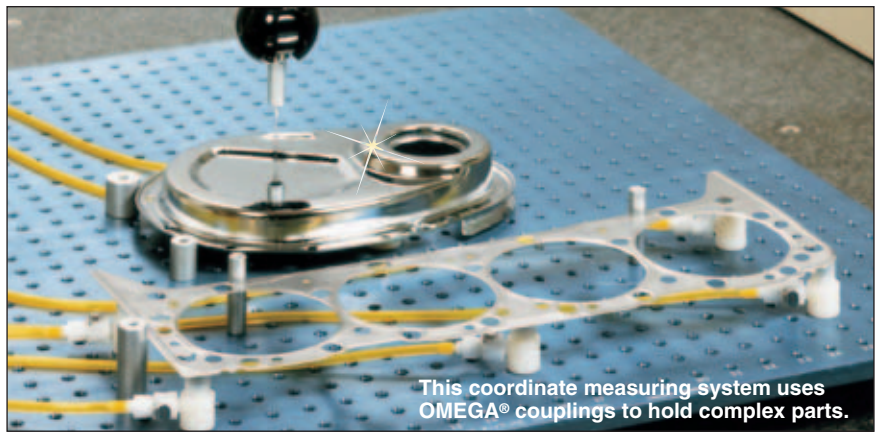
External Springs, Pin, Latch:

Stainless Steel Seals:

Buna, others available

Color: Natural White, others available

Tubing Sizes: 1/4" thru 3/8" ID 1/4" and 3/8" OD 6 x 4 mm thru 12 x 8 mm (OD x ID)



This coordinate measuring system uses OMEGA® couplings to hold complex parts.

Coupling Inserts 1/4" Flow

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

PIPE THREAD	MALE THREAD	STRAIGHT THRU MODEL NO.	PRICE	LENGTH	SHUTOFF MODEL NO.	PRICE	LENGTH	
	1/4" NPT	FT-PLC240-04	\$2.00	1.25"	FT-PLCD240-04	\$7.00	1.51"	
	3/8" NPT	FT-PLC240-06	2.00	1.25"	FT-PLCD240-06	7.00	1.40"	
	1/4" BSPT	FT-PLC240-04BS	2.00	1.25"	FT-PLCD240-04BS	7.00	1.51"	
	3/8" BSPT	FT-PLC240-06BS	2.00	1.25"	FT-PLCD240-06BS	7.00	1.40"	
 	Ferruleless Polytube Fitting^{††}, PTF							
	TUBING SIZE OD x ID	METRIC EQ mm	STRAIGHT THRU MODEL NO.	PRICE	LENGTH	SHUTOFF MODEL NO.	PRICE	LENGTH
	1/4 x 0.170"	6 x 4.3	FT-PLC400-04	\$7.00	1.78"	FT-PLCD400-04	\$10.00	1.78"
	— —	8 x 6	FT-PLC400-M8	8.00	1.91"	FT-PLCD400-M8	12.00	1.91"
	3/8 x 0.250"	9.5 x 6	FT-PLC400-06	7.00	1.91"	FT-PLCD400-06	11.00	1.91"
	— —	10 x 8	FT-PLC400-M10	8.00	1.91"	FT-PLCD400-M10	13.00	1.91"
	Hose Barb							
	1/4" ID	6.4 ID	FT-PLC420-04	\$8.00	1.91"	FT-PLCD420-04	\$9.00	1.91"
	5/16" ID	7.9 ID	FT-PLC420-05	6.00	1.91"	FT-PLCD420-05	10.00	1.91"
	3/8" ID	9.5 ID	FT-PLC420-06	5.00	1.91"	FT-PLCD420-06	10.00	1.91"
 	Ferruleless Polytube Fitting^{††}, PTF							
	TUBING SIZE OD x ID	METRIC EQ mm	STRAIGHT THRU MODEL NO.	PRICE	LENGTH	SHUTOFF MODEL NO.	PRICE	LENGTH
	1/4 x 0.170"	6 x 4.3	FT-PLC200-04	\$4.00	1.25"	FT-PLCD200-04	\$8.00	1.75"
	— —	8 x 6	FT-PLC200-M8	7.00	1.38"	FT-PLCD200-M8	9.00	1.68"
	3/8 x 0.250"	9.5 x 6	FT-PLC200-06	4.00	1.38"	FT-PLCD200-06	8.00	1.68"
	— —	10 x 8	FT-PLC200-M10	7.00	1.38"	FT-PLCD200-M10	12.00	1.68"
	Hose Barb							
	1/4" ID	6.4 ID	FT-PLC220-04	\$1.50	1.35"	FT-PLCD220-04	\$7.00	1.86"
	5/16" ID	7.9 ID	FT-PLC220-05	1.50	1.35"	FT-PLCD220-05	7.00	1.86"
	3/8" ID	9.5 ID	FT-PLC220-06	1.50	1.35"	FT-PLCD220-06	7.00	1.67"
 	Ferruleless Polytube Fitting^{††}, PTF							
	TUBING SIZE OD x ID	METRIC EQ mm	STRAIGHT THRU MODEL NO.	PRICE	LENGTH	SHUTOFF MODEL NO.	PRICE	LENGTH
	3/8 x 0.250"	9.5 x 6	FT-PLC210-06	\$6.00	1.22"	FT-PLCD210-06	\$10.00	1.22"
	Hose Barb							
	1/4" ID	6.4 ID	FT-PLC230-04	\$5.00	1.10"	FT-PLCD230-04	\$9.00	1.22"
	3/8" ID	9.5 ID	FT-PLC230-06	3.00	1.20"	FT-PLCD230-06	9.00	1.22"
<p>Ordering Examples: FT-PLCD100-04, coupling body, and FT-PLC240-04, insert, \$7 + 2 = \$9. FT-PLC120-04, coupling body, and FT-PLCD400-04, insert, \$13 + 10 = \$23. Acetal and Chrome-Plated Brass coupling halves interchange. * Panel Opening = 1 1/16" Diameter, Maximum Panel Thickness = 1/2", Minimum Panel Thickness = 0.020", Panel Nuts = 1 3/16" Hex †† PTF fittings are designed for semi-rigid tubing, i.e. polyethylene, nylon etc. and polyurethane tubing.</p>								



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