

CHROME-PLATED QUICK COUPLINGS

CHROME-PLATED BRASS

1/4" Flow, FT-LC Series

- ✓ Rugged Stainless Steel and Chrome—Plated Brass Construction
- ✓ Pipe Thread, Panel Mount, In Line and Elbow Configurations
- ✓ Attractive Appearance
- ✓ Single Side, Double Side Shutoffs or Straight thru Flow



FT-LC Series



By Individual Model No.†

FT-LC Series Couplings have the durability and attractiveness of Chrome-Plated Brass in 1/4" flow. These couplings are designed for higher pressure applications.

Coupling Bodies 1/4" Flow

To Order					
PIPE THREAD 	Male Thread	Metric EQ	Straight Thru Model No.	Shutoff Model No.	Length (inch)
	1/4 NPT	—	FT-LC100-04	FT-LCD100-04	1.15
	3/8 NPT	—	FT-LC100-06	FT-LCD100-06	1.15
	1/4" BSPT	—	FT-LC100-04BS	FT-LCD100-04BS	1.15
	3/8" BSPT	—	FT-LC100-06BS	FT-LCD100-06BS	1.15
PANEL MOUNT* 	Ferruleless Polytube Fitting††, PTF				
	Tubing Size OD x ID	Metric EQ mm	Straight Thru Model No.	Shutoff Model No.	Length (inch)
	1/4 x 0.170"	6 x 4.3	FT-LC120-04	FT-LCD120-04	1.87
	3/8 x 0.250"	9.5 x 6	FT-LC120-06	FT-LCD120-06	2
	Hose Barb				
	1/4" ID	6.4 ID	FT-LC160-04	FT-LCD160-04	2
	5/16" ID	7.9 ID	FT-LC160-05	FT-LCD160-05	2
	3/8" ID	9.5 ID	FT-LC160-06	FT-LCD160-06	2
	Male Thread				
	1/4 NPT	—	FT-LC150-04	FT-LCD150-04	1.50
IN LINE 	Ferruleless Polytube Fitting††, PTF				
	Tubing Size OD x ID	Metric EQ mm	Straight Thru Model No.	Shutoff Model No.	Length
	1/4 x 0.170"	6 x 4.3	FT-LC130-04	FT-LCD130-04	1.87
	3/8 x 0.250"	9.5 x 6	FT-LC130-06	FT-LCD130-06	2
	Hose Barb				
	1/4" ID	6.4 ID	FT-LC170-04	FT-LCD170-04	2
	5/16" ID	7.9 ID	FT-LC170-05	FT-LCD170-05	2
3/8" ID	9.5 ID	FT-LC170-06	FT-LCD170-06	2	

* Panel Opening = 11/16" Diameter Maximum Panel Thickness = 1/2" (except 1/4" pipe thread 0.35") Minimum Panel Thickness = 0.050" Panel Nuts = 13/16" Hex

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

†† PTF fittings are designed for semi-rigid tubing i.e. polyethylene, nylon etc. and polyurethane tubing. Acetal and Chrome-Plated Brass coupling halves interchange.

SPECIFICATIONS

Working Pressure: Vacuum to 17.3 bar (250 psi)

Operating Temperature: -40 to 82°C (-40 to 180°F) continuous

Materials:

Bodies: Chrome-Plated Brass

Valves: Acetal

Valve Spring: 316 Stainless Steel

External Springs, Pin, Latch: Stainless Steel

Seals: Buna, others available

Tubing Sizes:

¼ thru ¾" ID

¼ and ¾" OD

6 x 4 mm thru 12 x 10 mm (OD x ID)



Inserts ¼" Flow

To Order						
<p>PIPE THREAD</p>	Thread	Straight Thru Model No.	Shutoff Model No.	Length		
	¼ NPT	FT-LC240-04	FT-LCD240-04	MC	MCD	
	¾ NPT	FT-LC240-06	FT-LCD240-06	1.25"	1.53"	
	¼ NPT Female	FT-LC260-04	FT-LCD260-04	1.25"	1.40"	
<p>PANEL MOUNT*</p>	Ferrules Polytube Fitting^{††}, PTF					
	Tubing Size OD x ID	Metric EQ mm	Straight Thru Model No.	Shutoff Model No.	Length	
	¼ x 0.170"	6 x 4.3	FT-LC400-04	FT-LCD400-04	1.83"	
	¾ x 0.250"	9.5 x 6	FT-LC400-06	FT-LCD400-06	1.96"	
	Hose Barb					
	¼" ID	6.4 ID	FT-LC420-04	FT-LCD420-04	1.96"	
	5/16" ID	7.9 ID	FT-LC420-05	FT-LCD420-05	1.96"	
¾" ID	9.5 ID	FT-LC420-06	FT-LCD420-06	1.96"		
<p>STRAIGHTS</p>	Ferrules Polytube Fitting^{††}, PTF					
	Tubing Size OD x ID	Metric EQ mm	Straight Thru Model No.	Shutoff Model No.	Length	
	¼ x 0.170"	6 x 4.3	FT-LC200-04	FT-LCD200-04	LC	LCD
	¾ x 0.250"	9.5 x 6	FT-LC200-06	FT-LCD200-06	1.25"	1.72"
	Hose Barb					
	¼" ID	6.4 ID	FT-LC220-04	FT-LCD220-04	1.35"	1.85"
	5/16" ID	7.9 ID	FT-LC220-05	FT-LCD220-05	1.35"	1.85"
¾" ID	9.5 ID	FT-LC220-06	FT-LCD220-06	1.35"	1.68"	
<p>ELBOWS</p>	Ferrules Polytube Fitting^{††}, PTF					
	Tubing Size OD x ID	Metric EQ mm	Straight Thru Model No.	Shutoff Model No.	Length	
	¼ x 0.170"	6 x 4.3	FT-LC210-04	FT-LCD210-04	1.28"	
	¾ x 0.250"	9.5 x 6	FT-LC210-06	FT-LCD210-06	1.28"	
	Hose Barb					
	¼" ID	6.4 ID	FT-LC230-04	FT-LCD230-04	1.28"	
	¾" ID	9.5 ID	FT-LC230-06	FT-LCD230-06	1.28"	

* Panel Opening = 1 1/16" Panel Nut = 13/16" Hex Panel Thickness = 0.32" maximum and 0.050" minimum.

†† PTF fittings are designed for semi-rigid tubing i.e. polyethylene, nylon etc. and polyurethane tubing. Acetal and Chrome-Plated Brass coupling halves interchange.

Ordering Examples: FT-LCD160-04, hose barb coupling with shutoff for ¼" ID tubing, FT-LCD220-04, insert with barb for ¼" ID tubing and shutoff.

FT-LCD100-04, ¼ MNPT shutoff coupling body and FT-LCD240-04, ¼ NPT insert.