

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* | Ferrules 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 | Ferrules 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 | | | | | | | |
|----------|--|----------------------------|---------------------|--------------------------------|--------------------------|---------------|-------|
| | PIPE THREAD | | 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" |
| | | | | | | 1.25" | 1.75" |
| | PANEL MOUNT* | | | | | | |
| | 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" | | |
| | STRAIGHTS | | | | | | |
| | 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" | |
| | ELBOWS | | | | | | |
| | 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.