

THERMOPLASTIC QUICK COUPLINGS

HIGH FLOW COUPLING

3/8" Flow Polypropylene, FT-HFC-12 Series

Features

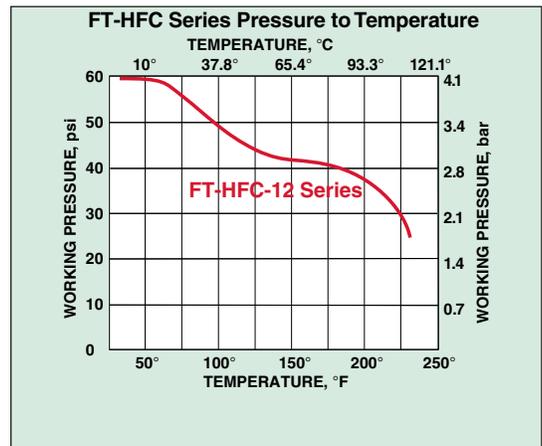
- Chemically Resistant
- Shutoff Valves Available in Both Halves
- High Volume Fluid Handling
- Attractive Design
- Low Force to Couple
- Inexpensive
- Gamma Sterilizable

Applications

- Cooling Lines
- Drain Lines
- Filling Lines
- Waste Handling
- Chemical Transfer
- Photo Processing Chemicals
- Spray Equipment

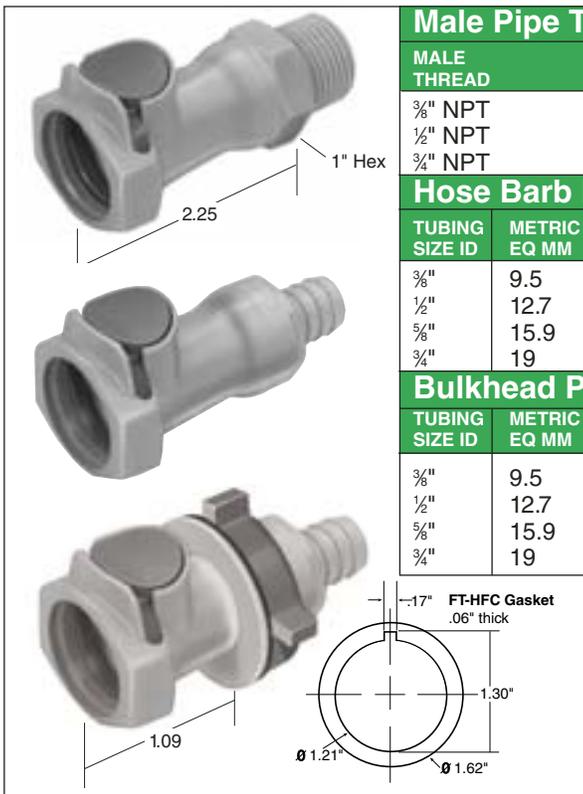
OMEGA's new High Flow Coupling Series has flow comparable to many 1/2" nominal flow couplings in a 3/8" body size. Small body size and light weight, these single or double end shutoff couplings have a large flow capacity. They replace bulky, heavy brass or stainless steel couplings in many applications.

FT-HFC Series
\$10
 Basic Unit



Coupling Bodies 3/8" Flow

MOST POPULAR MODELS HIGHLIGHTED!



| Male Pipe Thread Body | | | | | | |
|-------------------------------------|----------------------------|----------------------------|----------------------|----------------------|--------|--------|
| MALE THREAD | STRAIGHT THRU MODEL NUMBER | PRICE | SHUTOFF MODEL NUMBER | PRICE | LENGTH | |
| 3/8" NPT | FT-HFC106-12 | \$10 | FT-HFCD106-12 | \$13 | 2.72" | |
| 1/2" NPT | FT-HFC108-12 | 10 | FT-HFCD108-12 | 13 | 2.72" | |
| 3/4" NPT | FT-HFC1012-12 | 10 | FT-HFCD1012-12 | 13 | 3.07" | |
| Hose Barb Body | | | | | | |
| TUBING SIZE ID | METRIC EQ MM | STRAIGHT THRU MODEL NUMBER | PRICE | SHUTOFF MODEL NUMBER | PRICE | LENGTH |
| 3/8" | 9.5 | FT-HFC176-12 | \$11 | FT-HFCD176-12 | \$13 | 2.82" |
| 1/2" | 12.7 | FT-HFC178-12 | 11 | FT-HFCD178-12 | 13 | 2.82" |
| 5/8" | 15.9 | FT-HFC1710-12 | 11 | FT-HFCD1710-12 | 14 | 2.97" |
| 3/4" | 19 | FT-HFC1712-12 | 11 | FT-HFCD1712-12 | 14 | 2.97" |
| Bulkhead Panel Mount Hose Barb Body | | | | | | |
| TUBING SIZE ID | METRIC EQ MM | STRAIGHT THRU MODEL NUMBER | PRICE | SHUTOFF MODEL NUMBER | PRICE | LENGTH |
| 3/8" | 9.5 | FT-HFC166-12 | \$15 | FT-HFCD166-12 | \$17 | 2.82" |
| 1/2" | 12.7 | FT-HFC168-12 | 15 | FT-HFCD168-12 | 17 | 2.82" |
| 5/8" | 15.9 | FT-HFC1610-12 | 15 | FT-HFCD1610-12 | 18 | 2.97" |
| 3/4" | 19 | FT-HFC1612-12 | 15 | FT-HFCD1612-12 | 18 | 2.97" |

Panel thickness 0.030" to 0.25", 1.20" diameter mounting hole 1.87" minimum coupling spacing Greenlee 730K-3/16 Keyway Punch Unit and 730S Hole Punch.

SPECIFICATIONS

Working Pressure: Vacuum to 60 psi, 4.2 bar (see graph)

Operating Temperature: Max. 110°C (230°F), Min. 0°C (32°F), (see graph)

Materials:

Coupling: Polypropylene

Seals: EPR, others available

Color: Light Gray with Charcoal Gray latch

Valve Spring: 316 Stainless Steel

Latch Spring: 316 Stainless Steel

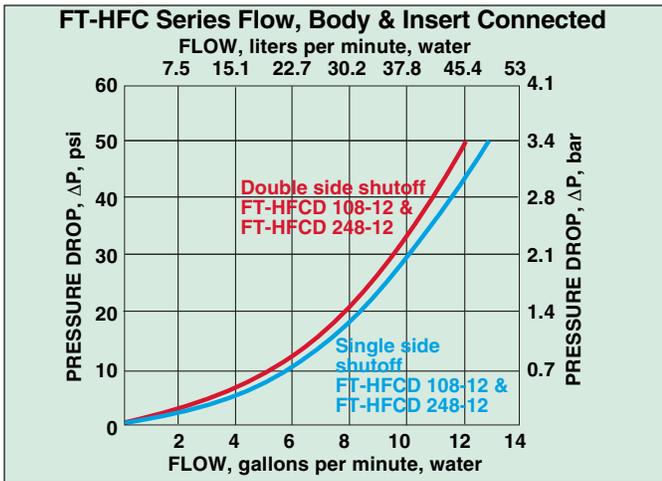
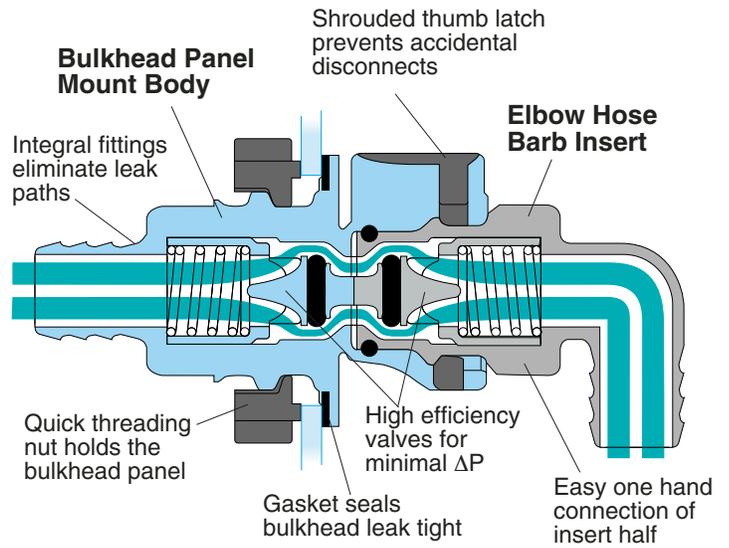
Suggested Tubing:

PVC, Silicone, Reinforced PVC, Polyurethane

Flow Information:

$\frac{3}{8}$ " Hose Barb: 0.281" flow

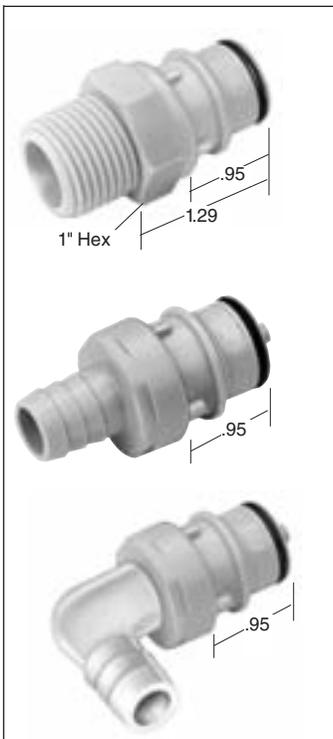
$\frac{1}{2}$ " Hose Barb: 0.375" flow



To Order: (Specify Model Number)

■ **MOST POPULAR MODELS HIGHLIGHTED!**

Coupling Inserts $\frac{3}{8}$ " Flow



Male Pipe Thread Insert

| MALE THREAD | STRAIGHT THRU MODEL NUMBER | PRICE | SHUTOFF MODEL NUMBER | PRICE | LENGTH |
|---------------------|----------------------------|-------|----------------------|-------|--------|
| $\frac{3}{8}$ " NPT | FT-HFC246-12 | \$5 | FT-HFCD246-12 | \$10 | 1.76" |
| $\frac{1}{2}$ " NPT | FT-HFC248-12 | 5 | FT-HFCD248-12 | 10 | 1.76" |
| $\frac{3}{4}$ " NPT | FT-HFC2412-12 | 5 | FT-HFCD2412-12 | 10 | 2.14" |

Hose Barb Insert

| TUBING SIZE ID | METRIC EQ MM | STRAIGHT THRU MODEL NUMBER | PRICE | SHUTOFF MODEL NUMBER | PRICE | LENGTH |
|-----------------|--------------|----------------------------|-------|----------------------|-------|--------|
| $\frac{3}{8}$ " | 9.5 | FT-HFC226-12 | \$5 | FT-HFCD226-12 | \$10 | 1.86" |
| $\frac{1}{2}$ " | 12.7 | FT-HFC228-12 | 5 | FT-HFCD228-12 | 10 | 1.86" |
| $\frac{5}{8}$ " | 15.9 | FT-HFC2210-12 | 5 | FT-HFCD2210-12 | 10 | 2.03" |
| $\frac{3}{4}$ " | 19 | FT-HFC2212-12 | 5 | FT-HFCD2212-12 | 10 | 2.01" |

Elbow Hose Barb Insert

| TUBING SIZE ID | METRIC EQ MM | STRAIGHT THRU MODEL NUMBER | PRICE | SHUTOFF MODEL NUMBER | PRICE | LENGTH |
|-----------------|--------------|----------------------------|-------|----------------------|-------|--------|
| $\frac{3}{8}$ " | 9.5 | FT-HFC236-12 | \$7 | FT-HFCD236-12 | \$12 | 1.94" |
| $\frac{1}{2}$ " | 12.7 | FT-HFC238-12 | 7 | FT-HFCD238-12 | 12 | 1.94" |

Polypropylene coupling halves do not interchange with other materials.

Ordering Example: FT-HFCD176-12, $\frac{3}{8}$ " ID hose barb body, and FT-HFC226-12 $\frac{3}{8}$ " ID hose barb insert, \$13 + 5 = \$18.

omega.co.uk[®]

Your One-Stop Source for Process Measurement and Control!

Freephone 0800 488 488 | International +44(0) 161 777 6622 | Fax +44(0) 161 777 6622 | Sales@omega.co.uk

www.omega.co.uk



UNITED STATES

www.omega.com

1-800-TC-OMEGA
Stamford, CT.

CANADA

www.omega.ca

Laval(Quebec)
1-800-TC-OMEGA

GERMANY

www.omega.de

Deckenfronn, Germany
0800-8266342

UNITED KINGDOM

www.omega.co.uk

Manchester, England
0800-488-488
+44-(0)161-777-6611

FRANCE

www.omega.fr

0800-466-342

BENELUX

www.omega.nl

0800-099-33-44



More than 100,000 Products Available!

• Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders, Relative Humidity Measurement Instruments, PT100 Probes, PT100 Elements, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples, Thermowells and Head and Well Assemblies, Transmitters, Thermocouple Wire, RTD Probes

• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485, Ethernet and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Pressure Transmitters, Strain Gauges, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters