

TWIN TUBE & SIXTUBE SERIES CONNECTOR



Twin Tube Specifications

PRESSURE:

Vacuum to 120 psi, 8.3 bar per line

TEMPERATURE:

-40°F to 180°F (-40°C to 82°C)

MATERIALS:

Main components: Acetal, ABS

Valves: Acetal

Thumb latch: Stainless steel

External springs and pin: Stainless steel

O-rings: Buna-N

COLOR: Natural white with aqua latch

TUBING SIZES:

1/16" to 1/8" ID, 1.6mm to 3.2mm ID

Sixtube Specifications

PRESSURE:

Vacuum to 100 psi, 6.9 bar per line

TEMPERATURE:

Acetal fitting inserts:
-40°F to 180°F (-40°C to 82°C)

Polypropylene fitting inserts:
32°F to 180°F (0°C to 82°C)

MATERIALS:

Main components: Acetal

Valves: Acetal

Fitting inserts: Acetal, polypropylene

Thumb latch: Acetal

Valve spring: 316 stainless steel

O-rings: Buna-N with acetal or EPDM with polypropylene

COLOR: Natural white

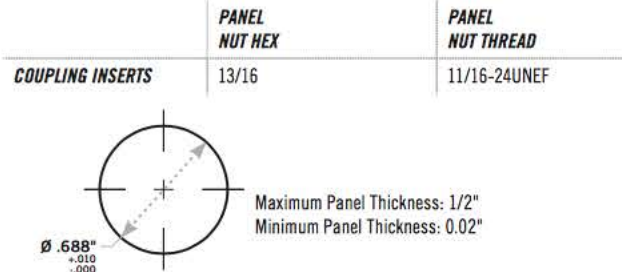
TUBING SIZES:

1/16" to 1/8" ID, 1.6mm to 3.2mm ID

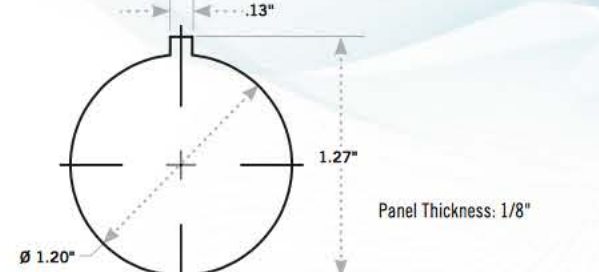
NOTE: Caution must be observed when ordering Sixtube assemblies. Body and insert halves which both contain female or male fittings will not couple. Contact CPC for questions and ordering assistance.

TWINTUBE & SIXTUBE DIMENSIONS

Twin Tube™ Body Panel Mount Dimensions



Sixtube™ Insert Panel Mount Dimensions



Twintube Coupling Bodies • ACETAL/ABS

| TERMINATION | TUBING SIZE | METRIC EQ. | ACETAL | ABS |
|-----------------------|-------------|------------|---------------|---------------|
| | | | STRAIGHT THRU | STRAIGHT THRU |
| PANEL MOUNT HOSE BARB | 1/16" ID | 1.6mm ID | PTC16010 | PTC1602096 |
| | 1/8" ID | 3.2mm ID | PTC16020 | |

Twintube Coupling Inserts • ACETAL/ABS

| TERMINATION | TUBING SIZE | METRIC EQ. | ACETAL | ABS |
|-------------------|-------------|------------|---------------|---------------|
| | | | STRAIGHT THRU | STRAIGHT THRU |
| IN-LINE HOSE BARB | 1/16" ID | 1.6mm ID | PTC22010 | PTC2202096 |
| | 1/8" ID | 3.2mm ID | PTC22020 | |

Sixtube Coupling Bodies • ACETAL/POLYPROPYLENE

| TERMINATION | TUBING SIZE | METRIC EQ. | ACETAL | ACETAL | POLYPROPYLENE |
|----------------------------|-------------|------------|---------------|----------|---------------|
| | | | STRAIGHT THRU | SHUTOFF | STRAIGHT THRU |
| WITH MALE FITTING INSERTS | 1/16" ID | 1.6mm ID | SXM1701 | | SXM170112 |
| | 1/8" ID | 3.0mm ID | SXM17M3 | | SXM170212 |
| WITH FEMALE FITTING BODIES | 1/16" ID | 1.6mm ID | SXF1701 | SXFD1701 | SXF170112 |
| | | 3.0mm ID | SXF17M3 | SXFD17M3 | |
| | 1/8" ID | 3.2mm ID | SXF1702 | SXFD1702 | SXF170212 |
| WITHOUT FITTINGS | | | SX17 | | |

Sixtube Coupling Inserts • ACETAL/POLYPROPYLENE

| TERMINATION | TUBING SIZE | METRIC EQ. | ACETAL | ACETAL | POLYPROPYLENE |
|----------------------------|-------------|------------|---------------|----------|---------------|
| | | | STRAIGHT THRU | SHUTOFF | STRAIGHT THRU |
| WITH MALE FITTING INSERTS | 1/16" ID | 1.6mm ID | SXM4201 | | SXM420112 |
| | 1/8" ID | 3.0mm ID | SXM42M3 | | SXM420212 |
| WITH FEMALE FITTING BODIES | 1/16" ID | 1.6mm ID | SXF4201 | SXFD4201 | SXF420112 |
| | | 3.0mm ID | SXF42M3 | SXFD42M3 | |
| | 1/8" ID | 3.2mm ID | SXF4202 | SXFD4202 | SXF420212 |
| WITHOUT FITTINGS | | | SX42 | | |

Accessories

| DESCRIPTION | PART NO. |
|------------------------|----------|
| SIXTUBE PRESSURE PLUGS | TMPMWH7 |

FEATURES

Two/six line connection

Separate flow paths

Sixtube insert is keyed to body

Free coupling rotation (Twin Tube)

CPC thumb latch

BENEFITS

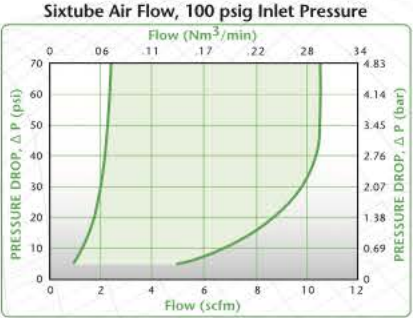
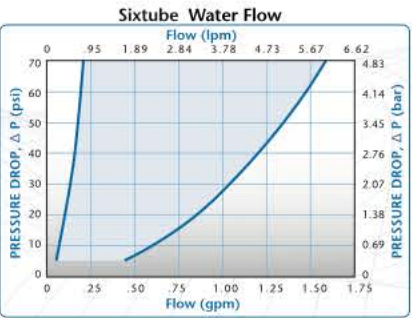
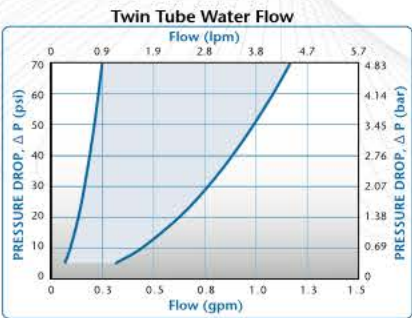
Fast, efficient operation

Pressure and/or vacuum in one coupling

Ensures correct line orientation

Eliminates kinked tubing

One-hand connection and disconnection



These graphs are intended to give you a general idea of the performance capabilities of each product line. The shaded area of each graph represents the operating range of the product family, i.e., upper and lower values are shown. Therefore, depending on the exact coupling configurations selected, you can reasonably expect values to fall within the shaded area.