

# TWIN TUBE™ & SIXTUBE™ SERIES CONNECTOR

## The Twin Tube™ coupling

provides one easy-to-use quick disconnect for two separate fluid lines. The non-valved Twin Tube maintains two individual flow paths in one coupling. Featuring the CPC thumb latch, the Twin Tube can disconnect two lines with the push of a button. The panel mount design keeps a low profile on the front of the equipment panel.

## 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

**Thumb latch:** Stainless steel

**External springs and pin:** Stainless steel

**O-rings:** Buna-N

### COLOR:

Natural white with stainless steel latch

### TUBING SIZES:

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

## The SixTube™ coupling

provides one easy-to-use quick disconnect for up to six separate fluid lines. The Sixtube is available with valves on either side for maximum design flexibility. Featuring the CPC thumb latch, the Sixtube can disconnect up to six lines with the push of a button. The snap-in panel mount design keeps a low profile on the front of the equipment panel.

## 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 with aqua latch

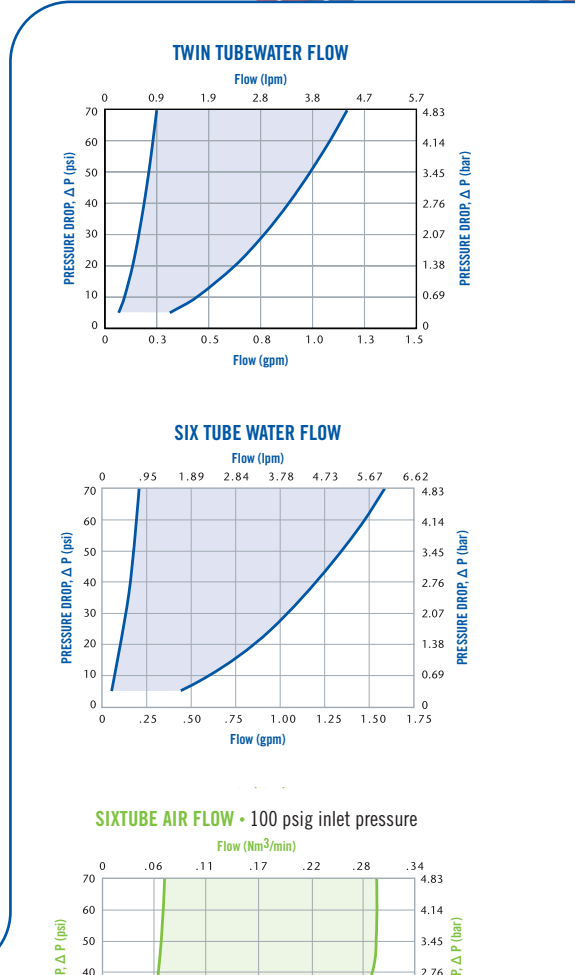
### TUBING SIZES:

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

## FEATURES

- Two/six line connection → Fast, efficient operation
- Separate flow paths → Pressure and/or vacuum in one coupling
- Sixtube insert is keyed to body → Ensures correct line orientation
- Free coupling rotation (Twin Tube) → Eliminates kinked tubing
- CPC thumb latch → One-hand connection and disconnection

## BENEFITS



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.

# TWIN TUBE™ & SIXTUBE™ SERIES DIMENSIONS

## TWIN TUBE COUPLING BODIES - Acetal/ABS



ABS part shown

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

## TWIN TUBE COUPLING INSERTS - Acetal/ABS



Acetal part shown

TERMINATION	TUBING/THREAD SIZE	METRIC EQ.	ACETAL STRAIGHT THRU	ABS 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



Acetal part shown

TERMINATION	TUBING/THREAD SIZE	METRIC EQ.	ACETAL STRAIGHT THRU	ABS SHUTOFF	POLYPROPYLENE STRAIGHT THRU
IN-LINE HOSE BARB	1/16" ID	1.6mm ID	SXM1701	SXF1701	SXM170112
	-	3.0mm ID	SXM17M3		SXF170112
	1/8" ID	3.2mm ID	SXM1702		SXF170212
WITH FEMALE FITTING BODIES	1/16" ID	1.6mm ID	SXF1702	SXFD1701	SXF170112
	1/8" ID	3.2mm ID	SXF1702	SXFD1702	SXF170212
WITHOUT FITTINGS			SX17		

## SIXTUBE COUPLING INSERTS - Acetal/Polypropylene



Acetal part shown

TERMINATION	TUBING/THREAD SIZE	METRIC EQ.	ACETAL STRAIGHT THRU	ABS SHUTOFF	POLYPROPYLENE STRAIGHT THRU
IN-LINE HOSE BARB	1/16" ID	1.6mm ID	SXM4201	SXF4201	SXM420112
	-	3.0mm ID	SXM42M3		SXF420112
	1/8" ID	3.2mm ID	SXM4202		SXF420212
WITH FEMALE FITTING BODIES	1/16" ID	1.6mm ID	SXF4201	SXFD4201	SXF420112
	-	3.0mm ID	SXF42M3	SXFD42M3	SXF420112
	1/8" ID	3.2mm ID	SXF4202	SXFD4202	SXF420212

## ACCESSORIES

DESCRIPTION	PART NO.
SIXTUBE PRESSURE PLUGS	TMPMWHT



SCAN

[cpcworldwide.com/TwinTube](http://cpcworldwide.com/TwinTube)



SCAN

[cpcworldwide.com/Sixtube](http://cpcworldwide.com/Sixtube)

## TWIN TUBE™ PANEL DIMENSIONS

	PANEL NUT HEX	PANEL NUT THREAD
COUPLING INSERTS	13/16	11/16-24UNEF



## SIXTUBE™ PANEL DIMENSIONS

