

# DPC SERIES CONNECTOR

The 1/4" flow DPC Series couplings feature a dual port connection in a contoured design that delivers ease-of-use and excellent flow in a compact size. Made from acetal thermoplastic, the DPC Series includes valved and non-valved couplings with a single plastic thumb latch. One-hand operation makes the DPC Series the choice for simple, simultaneous connections and disconnections where two fluid lines are required.



## SPECIFICATIONS

### PRESSURE:

Vacuum to 120 psi, 8.3 bar

### TEMPERATURE:

32°F to 180°F (0°C to 82°C)

### MATERIALS:

**Main components:** Acetal

**Thumb latch:** Acetal

**Valve spring:** 316 stainless steel

**External springs:** Stainless steel

**O-rings:** Buna-N

### COLOR:

White with blue latch

### TUBING SIZES:

1/4" to 3/8" ID, 6.4mm to 9.5mm ID

*WARNING: Pressure, temperature, chemicals, and operating environment can affect the performance of couplings. It is the customer's responsibility to test the suitability of CPC's products in their own application conditions.*



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

### FEATURES

Single thumb latch

Insert keyed to body

Compact, modular design

Integral terminations

### BENEFITS

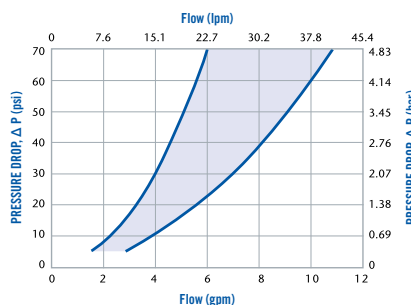
Intuitive one step, two-line connection and disconnection

Ensures correct directional flow

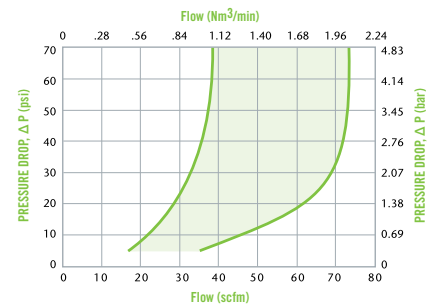
Attractive, high-quality appearance and configuration flexibility

Fewer moving parts, shorter assemblies, faster installations

DPC WATER FLOW



DPC AIR FLOW - 100 psig inlet pressure



*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.*

# DPC SERIES DIMENSIONS

## COUPLING BODIES - Acetal



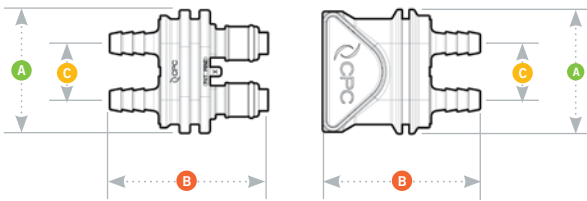
TERMINATION	TUBING/ THREAD SIZE	METRIC EQ.	STRAIGHT THRU	SHUTOFF	A	B	C
IN-LINE HOSE BARB	1/4" ID	6.4mm ID	DPC17004	DPCD17004	1.62 (41.1)	2.09 (52.9)	0.75 (19.1)
	3/8" ID	9.5mm ID	DPC17006	DPCD17006	1.62 (41.1)	2.09 (52.9)	0.75 (19.1)

## COUPLING INSERTS - Acetal



TERMINATION	TUBING/ THREAD SIZE	METRIC EQ.	STRAIGHT THRU	SHUTOFF	A	B	C
IN-LINE HOSE BARB	1/4" ID	6.4mm ID	DPC22004	DPCD22004	1.62 (41.1)	1.97/2.11 (50.0/53.6)	0.75 (19.1)
	3/8" ID	9.5mm ID	DPC22006	DPCD22006	1.62 (41.1)	1.97/2.11 (50.0/53.6)	0.75 (19.1)

## PRODUCT DIMENSIONS



- A = Height/Diameter
- B = Total Length
- C = Center-to-center distance

## PANEL DIMENSIONS

	PANEL OPENING	PANEL THICKNESS MAX. – MIN.
COUPLING BODIES	contact CPC	
COUPLING INSERTS	see drawing	0.135 – 0.132

