



DPC Series Dual Port Connectors

DPC Series Couplings Frequently Asked Questions



What is the DPC?

The ¼" flow DPC Series is a dual connector with a single thumb latch. Using the APC Series couplings as a design foundation, the DPC Series provides fewer moving parts and a contoured design for ease-of-use and excellent flow in a compact, modular form factor. The single thumb latch offers intuitive, one-hand operation for simultaneous connections and disconnections. Available in valved and non-valved configurations, the DPC has a keyed design to ensure correct directional flow.





Where can I use DPC couplings?

The DPC Series couplings are perfect for any application that requires two fluid lines.

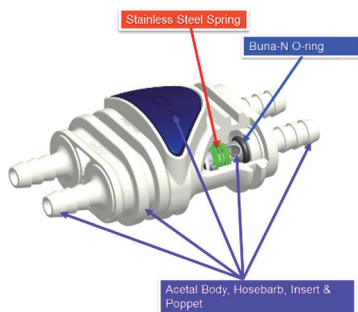
An example of a good fit for the DPC Series is cooling loop applications, such as cold therapy systems, pain relief/ management systems, fluid thermal devices, and medical cushions.

What are the specifications for the DPC couplings?

 DPC Body	Termination	Tubing Size	Metric Eq.	Straight Thru	Shutoff	Height	Total Length
	In-Line Hose Barb	1/4" ID	6.4mm ID	DPC17004	DPCD17004	1.1185	2.090
		3/8" ID	9.5mm ID	DPC17006	DPCD17006	1.1185	2.090
 DPC Insert	Termination	Tubing Size	Metric Eq.	Straight Thru	Shutoff	Height	Total Length Non-Valved/ Valved
	In-Line Hose Barb	1/4" ID	6.4mm ID	DPC22004	DPCD22004	.955	1.970/2.110
		3/8" ID	9.5mm ID	DPC22006	DPCD22006	.955	1.970/2.110

What is the material type for the DPC Series?

The DPC Series is currently available in acetal thermoplastic. Material types of the other components are:



- Thumb latch* *Acetal*
- Valve springs* *316 Stainless Steel*
- External springs* *Stainless steel*
- O-rings* *Buna-N*

Please contact us with information regarding your application needs for additional material offerings.

What are the pressure/temperature specifications?

Pressure per Line: Vacuum to 120 psi, 8.3 bar

Temperature: 32°F to 180°F (0°C to 82°C)

What are the flow characteristics?

The DPC coupling has 1/4" nominal flow. Because it uses the same internal valves as the APC product line, the DPC has comparable flow to a fluid loop with two valved APCs as connection points.

When is it available?

The product is available September, 2015.

What color is the DPC available in?



The DPC Series is available in white with a blue latch. Please contact us for the availability of additional colors.

Will the DPC couplers mate with any other CPC couplers?

While based on CPC's APC product platform, and can accept standard APC inserts, the DPC Series latch is intentionally designed to disconnect both inserts simultaneously and works best when using the DPC insert. The DPC insert handles alternative couplings more

efficiently when used with valved APC Series bodies.

Can the DPC Series be panel mounted?

The DPC couplings are designed to be easily integrated into a customer's equipment or hand piece. The DPC insert can be panel mounted in a clam shell manner.

As customers' perceptions of appropriate fit with a panel and their use of materials vary, please contact CPC for more detailed information on panel mounting the DPC Series.



What is the bag quantity of DPC couplings?

There are 10 DPC couplers in a bag.

What is the lead time for DPC couplings?

The standard lead time for DPC couplings is 10 working days.

How can I receive product samples?

Product sample requests are available in the DPC Series page of CPC's [website](#).

How can I get more information on the DPC Series?

More information including specifications, customer drawings, part numbers and purchase information can be found at cpcworldwide.com/DPC.