

DTLD SERIES CONNECTOR

The 1/4" flow DTLD Series dual flow couplings provide a unique thumb latch that enables independent connection and simultaneous disconnection of loose tube sets. Made from ABS thermoplastic, the DTLD valved couplings prevent one tube inadvertently disconnecting when the other is inserted. One-hand operation makes the DTLD Series the choice for simple, independent quick connections of dual fluid lines. The DTLD Series is compatible with all PLC, PLC12 and LC Series inserts.



SPECIFICATIONS

PRESSURE:

Vacuum to 20 psi, 1.38 bar

TEMPERATURE:

32°F to 120°F (0°C to 48°C)

MATERIALS:

Main components: ABS

Thumb latch: Acetal

Internal body valve: Acetal

Internal insert valve: Polypropylene

Springs: Stainless steel

O-rings: Buna-N

COLOR: White with blue latch,
Molded black with gray 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 products in their own application conditions.



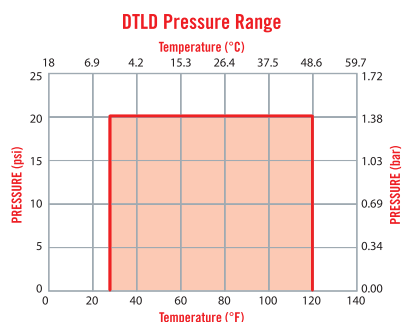
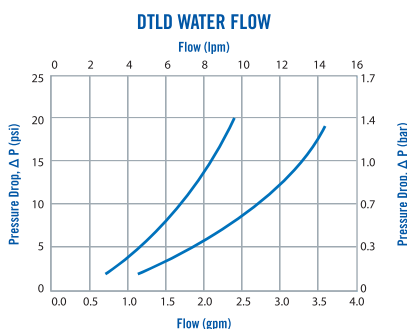
SCAN

cpcworldwide.com/DTLD

FEATURES

- Shrouded thumb latch → Minimizes inadvertent latch activation
- Latch always in position to accept insert → Ensures leak-free operation
- Compact, modular design → Fits well in the hand and is easy to wipe down
- Independent quick connections → Requires minimal manual dexterity

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.

DTLD SERIES DIMENSIONS

COUPLING BODIES - ABS



TERMINATION	TUBING/THREAD SIZE	METRIC EQ.	SHUTOFF	A	B	C	D
IN-LINE HOSE BARB	1/4" ID	6.4mm ID	DTLD17004	1.59 (40.4)	2.02 (51.3)	0.75 (19.1)	1 (25.4)
	1/4" ID	6.4mm ID	DTLD17004MBLK	1.59 (40.4)	2.02 (51.3)	0.75 (19.1)	1 (25.4)
	3/8" ID	9.5mm ID	DTLD17006	1.59 (40.4)	1.86 (47.2)	0.75 (19.1)	1 (25.4)
	3/8" ID	9.5mm ID	DTLD17006MBLK	1.59 (40.4)	1.86 (47.2)	0.75 (19.1)	1 (25.4)

COUPLING INSERTS - ABS

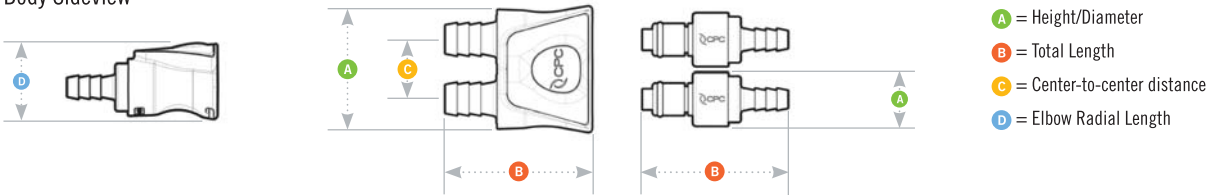


TERMINATION	TUBING/THREAD SIZE	METRIC EQ.	SHUTOFF	A	B	C	D
IN-LINE HOSE BARB	1/4" ID	6.4mm ID	PLCD2200406	0.73 (18.5)	1.85 (47.0)		
	3/8" ID	9.5mm ID	PLCD2200606	0.73 (18.5)	1.69 (42.9)		

All measurements are in inches (millimeters) unless otherwise noted. Tubing must meet stated inside and outside diameters. PTF fittings are designed for semi-rigid tubing, i.e., polyethylene, nylon, polyurethane, etc.
†NOTE: CPC's Ferruleless PTF (polytube fitting) terminations do not require ferrules to achieve a secure connection and are therefore easier to use and reuse.

PRODUCT DIMENSIONS

Body Sideview



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.



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FEATURES

Single thumb latch

Insert keyed to body

Compact, modular design

Integral terminations

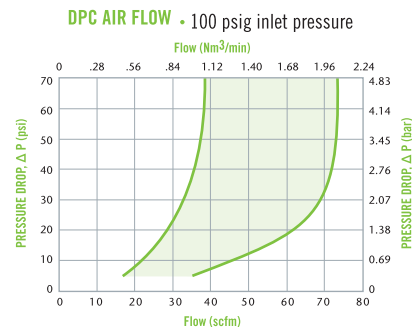
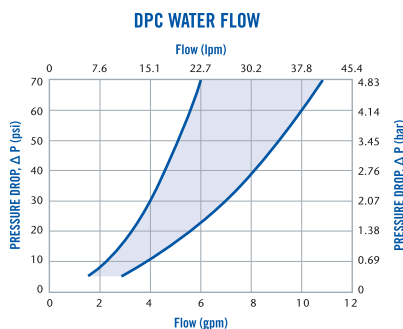
BENEFITS

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



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



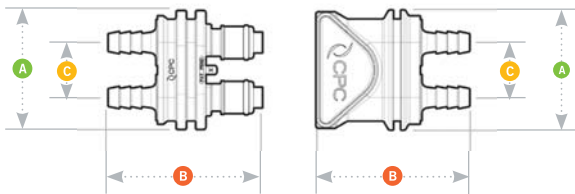
TERMINATION	TUBING/ THREAD SIZE	METRIC EQ.	STRAIGHT THRU	SHUTOFF	A	B	C
IN-LINE HOSE BARB	1/4" ID	6.4mm ID	DPC17004	DPCD17004	1.62 (41.1)	2.09 (52.9)	0.75 (19.1)
	3/8" ID	9.5mm ID	DPC17006	DPCD17006	1.62 (41.1)	2.09 (52.9)	0.75 (19.1)

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

