

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, 6.4 mm to 9.5 mm 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.

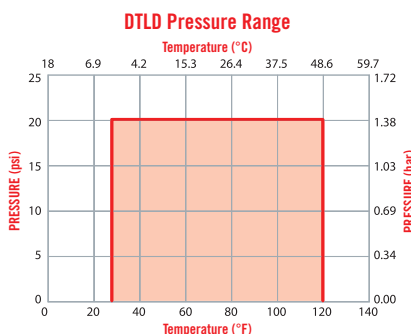
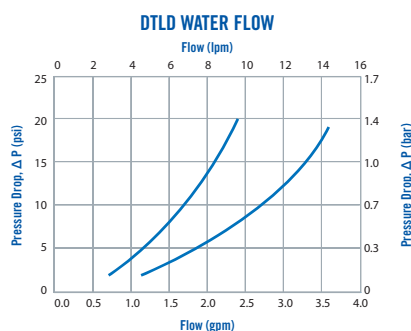


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FEATURES

- 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.



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DTLD SERIES DIMENSIONS

COUPLING BODIES - ABS



TERMINATION	TUBING/THREAD SIZE	METRIC EQ.	SHUTOFF	A	B	C	D
IN-LINE HOSE BARB	1/4" ID	6.4 mm ID	DTLD17004	1.59 (40.4)	2.02 (51.3)	0.75 (19.1)	1 (25.4)
	1/4" ID	6.4 mm ID	DTLD17004MBLK	1.59 (40.4)	2.02 (51.3)	0.75 (19.1)	1 (25.4)
	3/8" ID	9.5 mm ID	DTLD17006	1.59 (40.4)	1.86 (47.2)	0.75 (19.1)	1 (25.4)
	3/8" ID	9.5 mm ID		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	6.4 mm ID	PLCD2200406	0.73 (18.5)	1.85 (47.0)		
	3/8" ID	9.5 mm ID		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™ 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

