

DF2 SERIES CONNECTOR

The DripFree™ Series quick disconnects with 1/8" flow offer a lubrication-free flow path while providing non-spill connections and disconnections to keep your equipment clean. DF2 quick disconnects are designed for long-term use and feature patent pending valve technology that reduces the possibility of drips after disconnection. Lubricant free silicone seals are standard for compatibility with a wide range of medias.



SPECIFICATIONS

PRESSURE:

Vacuum to 120 psi, 8.3 bar

TEMPERATURE:

0°F to 160°F (-17°C to 71°C)

MATERIALS:

Main components and valves:

Glass-filled polypropylene

Thumb latch: Acetal

Valve Spring: 316 stainless steel

Seals: Silicone standard

COLOR:

Black

SPILLAGE:

<0.05 cc per disconnect

AIR INCLUSION:

<0.10 cc per connect

TUBING SIZES:

1/8" ID, 3.2 mm ID

MAXIMUM FLOW AT DISCONNECT:

0.50 gal/min at 0–55 psi

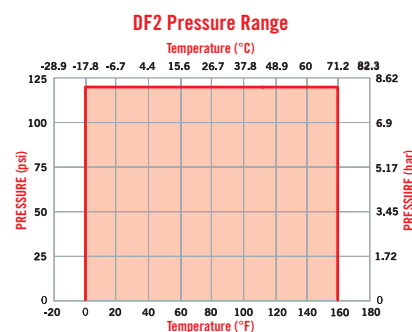
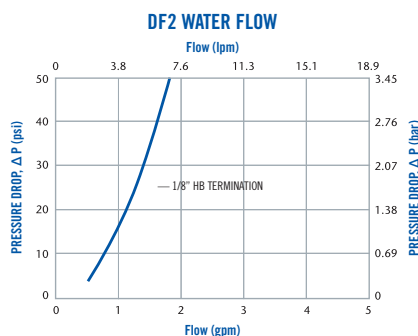
FLOW COEFFICIENT:

Cv ~0.23

FEATURES

- DripFree™ valve → Non-spill disconnection performance for a clean coupling experience
- Lubricant-free Seals → Prevents unintended outcomes in your process due to the presence of lubrication
- Clean-manufactured → Minimizes possibility for particulate in the flow path to ensure machine performs as intended
- Chemically compatible → Wide range of chemical compatibility for various medias using polypropylene base material with silicone seals
- Ergonomic body and latch design → Simple, intuitive one-handed operation
- Compact → Meets size requirements for equipment with limited space
- Easy and audible connection → Easy connection with an audible "click" confirmation

BENEFITS



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.

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.



COLDER PRODUCTS COMPANY

U.S.A.

PHONE: +1 (651) 645-0091

TOLL FREE: +1 (800) 444-2474

E-MAIL: info@cpcworldwide.com

COLDER PRODUCTS COMPANY GMBH

Germany

E-MAIL: cpcgmbh@cpcworldwide.com

DOVER (SHANGHAI) INDUSTRIAL CO., LTD

ShangHai, China

PHONE: +86 21 2411 2666

TOLL FREE: +86 400 990 1978

E-MAIL: asiapacific@cpcworldwide.com

DF2 SERIES DIMENSIONS

COUPLING BODIES - Glass-Filled Polypropylene

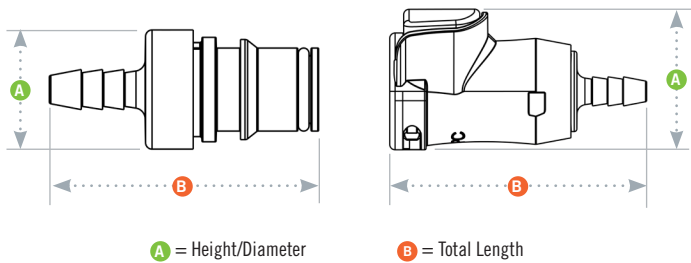
	TERMINATION	TUBING SIZE	METRIC EQ.	SILICONE O-RING	A	B
	IN-LINE HOSE BARB	1/8" ID	3.2 mm ID	DF2D170212S	0.90 (22.86)	1.65 (41.91)

COUPLING INSERTS - Glass-Filled Polypropylene

	TERMINATION	TUBING SIZE	TUBING SIZE	SILICONE O-RING	A	B
	IN-LINE HOSE BARB	1/8" ID	3.2 mm ID	DF2D220212S	0.56 (14.22)	1.27 (32.26)

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



cpcworldwide.com/DF2