FFC35
SERIES CONNECTOR



FFC35 Series 1/2" flow couplings feature double the flow of the HFC Series couplings. The FFC Series has a non-valved bore that increases flow and minimizes turbulence. The polysulfone material is able to withstand demanding applications and features physical strength, chemical resistance and autoclavability. An ergonomic design and a large, shrouded thumb latch pad produce a coupling that is easy to grip and simple to operate.

SPECIFICATIONS

PRESSURE:
Vacuum to 125 psi, 8.6 bar

TEMPERATURE:
-40°F to 280°F (-40°C to 138°C)

MATERIALS:
Main components: Polysulfone
Thumb latch: Polysulfone
External spring: 316 stainless steel
O-rings: FDA Buna-N
Panel mount gasket: EPDM
Female GHT gasket: FDA EPDM

COLOR:
Natural white with dark gray latch

TUBING SIZES: 3/4" ID, 19.0 mm ID

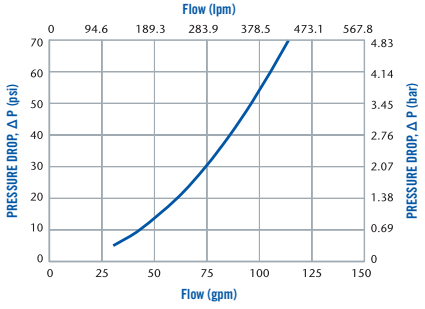
WARNING: Pressure, temperature, chemicals, and operating environment can affect the performance of couplings. It is the customer's responsibility to test the suitability of CPC products in their own application conditions. Use the graphs on the following page as a guide.

SCAN

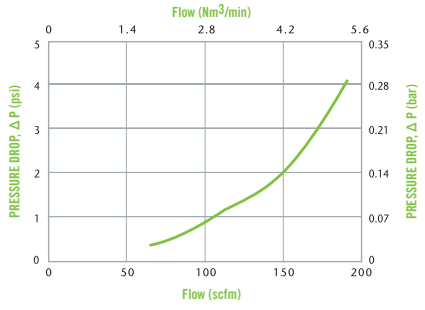
cpcworldwide.com/FFC35

FEATURES	BENEFITS
No valves	Exceptional flow
Polysulfone material	Physically strong and autoclavable
Ergonomic design	Easy to grip, simple to operate

FFC35 WATER FLOW



FFC35 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.

NON-VALVED

CPC's FFC35 Series couplings feature a wide open, straight-thru flow path.





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FFC35 SERIES DIMENSIONS

COUPLING BODIES - Polypropylene






TERMINATION	TUBING/THREAD SIZE	METRIC EQ.	STRAIGHT THRU	A	B
IN-LINE PIPE THREAD	1/2" NPT		FFC10835	1.44 (35.3)	2.88 (70.6)
	1/2" BSPT		FFC10835BSPT	1.44 (35.3)	2.88 (70.6)
	3/4" NPT		FFC101235	1.44 (35.3)	3.12 (76.4)
	3/4" GHT			1.44 (35.3)	2.94 (72.0)
IN-LINE PIPE THREAD (FEMALE)	3/4" BSPP		FFC191235BSPP	1.44 (35.3)	2.7 (66.2)
BULKHEAD PANEL MOUNT HOSE BARB	3/4" ID	19.0 mm ID	FFC161235	1.44 (35.3)	2.94 (72.0)
IN-LINE HOSE BARB	3/4" ID	19.0 mm ID	FFC171235	1.44 (35.3)	2.94 (72.0)

COUPLING INSERTS - Polypropylene





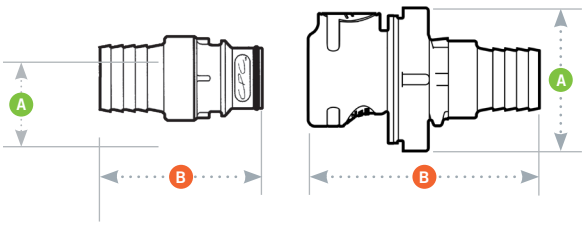
TERMINATION	TUBING/THREAD SIZE	METRIC EQ.	STRAIGHT THRU	A	B
IN-LINE PIPE THREAD	1/2" NPT		FFC24835	1.16 (28.4)	1.95 (47.8)
	1/2" BSPT		FFC24835BSPT	1.16 (28.4)	1.95 (47.8)
	3/4" NPT		FFC241235	1.23 (30.1)	2.14 (52.4)
	3/4" BSPT		FFC241235BSPT	1.23 (30.1)	2.14 (52.4)
				1.16 (28.4)	2.01 (49.2)
IN-LINE PIPE THREAD (FEMALE)	3/4" BSPP		FFC261235BSPP	1.37 (33.6)	1.77 (43.4)
IN-LINE HOSE BARB	3/4" ID	19.0 mm ID	FFC221235	1 (24.5)	2.02 (49.5)

All measurements are in inches (millimeters) unless otherwise noted. Tubing must meet stated inside and outside diameters. Couplings are pictured with valves unless otherwise noted.

ACCESSORIES

DESCRIPTION	MATERIAL	PART NO.
PANEL MOUNT GASKET REPLACEMENT: FOR SEALING FEMALE THREADS	EPDM	621200
GHT GASKET REPLACEMENT: FOR SEALING FEMALE THREADS	FDA EPDM	2339400

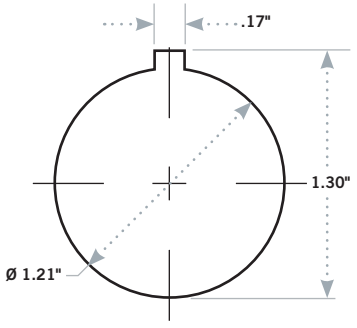
PRODUCT DIMENSIONS



A = Height/Diameter
B = Total Length

PANEL DIMENSIONS

	PANEL OPENING	PANEL THICKNESS MAX.–MIN.
COUPLING BODIES	see drawing	0.25– 0.03



Gasket Thickness: .06"
Mounting Hole: 1.21" diameter
Coupling Spacing: 1.92" minimum

WARRANTY: All sales are subject to the Colder Products Company® limited express warranty set forth in the CPC catalog. Contact your local distributor or CPC Customer Service for warranty provisions.

Warning: Due to the wide variety of possible fluid media and operating conditions, unintended consequences may result from the use of this product, all of which are beyond the control of CPC. It is the user's responsibility to carefully determine and test for compatibility for use with their application. All such risks shall be assumed by the buyer.

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