

# BAYONET SERIES CONNECTOR



**The BCF Series**, designed for blood pressure monitoring devices, is a small bore, bayonet-style female connector with leak-free performance. Featuring a quick disconnect thumb latch, the single-hand operation of the BCF Series makes it the choice for fast and easy connections between blood pressure cuff and machine. Made primarily from ABS thermoplastic, the BCF Series provides an easier to use alternative to metal connector options. The BCF Series is compatible with ISO 80369-5 compliant FitQuik™ Bayonet Fittings and standard blood pressure male fittings available in the market.

## FEATURES

- Small bore bayonet style connector
- Secure, reliable connection
- Thumb latch with audible CPC click
- Compatibility

## BENEFITS

- Eliminates potential misconnections with luer fittings
- Provides proven leak-free performance
- Assures one hand operation with a reliable connection
- Mates with CPC FitQuik blood pressure fittings as well as bayonet style fittings in the market

## Specifications

### PRESSURE:

Vacuum up to 20 psi, 1.38 bar

### TEMPERATURE:

32°F to 122°F (0°C to 50°C)

### MATERIALS:

- Main Components:** ABS
- Thumb latch:** Acetal
- Springs:** 316 Stainless steel
- O-rings:** Buna-N

**COLOR:** Gray with white latch

### TUBING SIZES:

1/8" to 5/32" ID, 3.2 mm to 4.0 mm

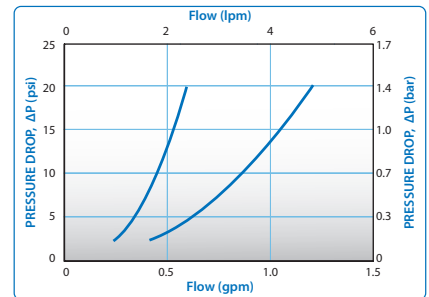
### COMPLIANCE:

REACH  
RoHS

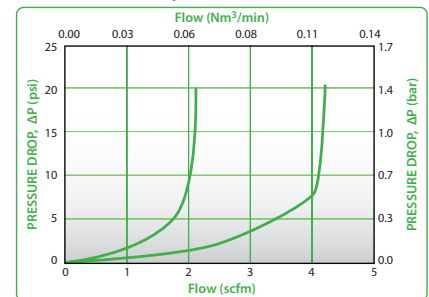
**WARNING:** Pressure, temperature, chemicals, and operating environment can affect the performance of couplings. It is the customer's responsibility to test the suitability of CPC's products in their own application conditions.

These graphics are applicable to single line use and intended to give a general idea of the performance capabilities. 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.

Bayonet Water Flow

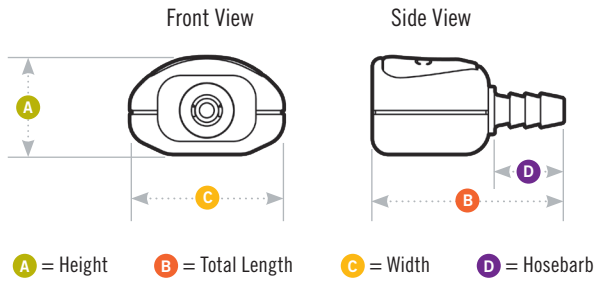


Bayonet Air Flow



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# BAYONET SERIES DIMENSIONS



## Female Bayonet Body • ABS



**TERMINATION**  
IN-LINE HOSE BARB

**TUBING SIZE**  
1/8" ID  
5/32" ID

**METRIC EQ.**  
3.2 mm ID  
4.0 mm ID

**STRAIGHT THRU**  
BCF497  
BCF597

**A**  
0.62  
0.62

**B**  
1.24  
1.24

**C**  
1.00  
1.00

**D**  
0.45  
0.45

## Male Bayonet Insert • NYLON



**PART NO.**  
BC330  
BC331

**DESCRIPTION**  
White Nylon Male Bayonet Fitting to 3/32" Hose Barb  
Black Nylon Male Bayonet Fitting to 3/32" Hose Barb



**PART NO.**  
BC430  
BC431

**DESCRIPTION**  
White Nylon Male Bayonet Fitting to 1/8" Hose Barb  
Black Nylon Male Bayonet Fitting to 1/8" Hose Barb



**PART NO.**  
BC530  
BC531

**DESCRIPTION**  
White Nylon Male Bayonet Fitting to 5/32" Hose Barb  
Black Nylon Male Bayonet Fitting to 5/32" Hose Barb



**PART NO.**  
BC630  
BC631

**DESCRIPTION**  
White Nylon Male Bayonet Fitting to 3/16" Hose Barb  
Black Nylon Male Bayonet Fitting to 3/16" Hose Barb



**COLDER PRODUCTS COMPANY**  
U.S.A.  
PHONE +1 651-645-0091  
FAX +1 651-645-5404  
TOLL FREE 800-444-2474

**COLDER PRODUCTS COMPANY GMBH**  
Germany  
PHONE +49-6026-9973-0  
FAX +49-6026-9973-173

**COLDER PRODUCTS COMPANY LIMITED**  
Hong Kong  
PHONE +852-2987-5272  
FAX +852-2987-2509

Smart fluid handling to take you forward, faster.

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WARRANTY: All sales are subject to Colder Products Company's 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 Colder. 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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