

BCF Series Fittings Frequently Asked Questions



What is the BCF Series?

The BCF Series is a bayonet style, female connector that connects tubing between a blood pressure cuff and a blood pressure monitor. Offering leak-free performance, the BCF Bayonet Body has an obvious, simple-to-use thumb latch that enables quick connections and disconnections. Made of ABS thermoplastic, the BCF Series fittings fit tubing sizes from 1/8" to 5/32" (3.2 mm to 4.0 mm.)

What makes the BCF Series unique?

Our engineers designed the BCF Series with a large, easy-to-use latch and leak-free performance. The BCF Series is compatible with ISO 80369-5 compliant FitQuik Bayonet

Fittings and standard blood pressure male fittings used with many existing monitoring systems.

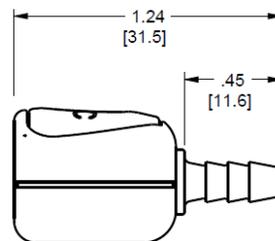
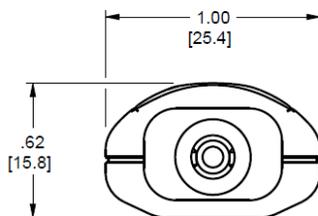
Where can I use BCF Series?

The BCF Series is used to connect the tubing between a blood pressure cuff and a blood pressure monitor. They are an economical and easier-to-use alternative to the metal connector options.

The BCF Series is also ideal for small bore tubing applications requiring a simple, leak-free connector.

What are the specifications for the BCF Series Fittings?

 BCF Series - Bayonet Body	Termination	Tubing Size	Metric Eq.	Straight Thru	Height	Width	Total Length
	In-Line Hose Barb	1/8" ID	3.2 mm ID	BCF497	0.62	1.0	1.24
		5/32" ID	4.0 mm ID	BCF597	0.62	1.0	1.24



What is the material type for the BCF Series?

The BCF Series is currently available in ABS thermoplastic. Material types of the other components are:

Main Body: ABS

Thumb latch and retainer: Acetal

Clip Spring: Stainless Steel

O-ring: Buna-N



How does the BCF Series comply with the ISO 80369-5 standard?

The FitQuik BC Blood Pressure Fittings, Male Bayonet, from CPC fully conform to the ISO 80369-5 Limb Cuff Inflation standard, released in March 2016.

The BCF Bayonet Bodies conform to the performance specifications found in the ISO 80369-5 standard. To ensure enhanced connector performance, the BCF Bayonet Bodies do not conform to two dimensional requirements in Section 5.1, Table B.2 of ISO 80369-5:

- The inside diameter of the inner seal boundary ($\varnothing S5$) was reduced to provide better sealing performance, particularly under side load.
- The diameter of the smallest cylinder that encompasses the outside ($\varnothing W$) is larger to provide a bigger, easier to use thumb latch for improved usability.

For a full assessment of the BCF Bayonet Bodies conformance to ISO80369-5, contact CPC for a full test report.

What tubing does the BCF Series mate with?

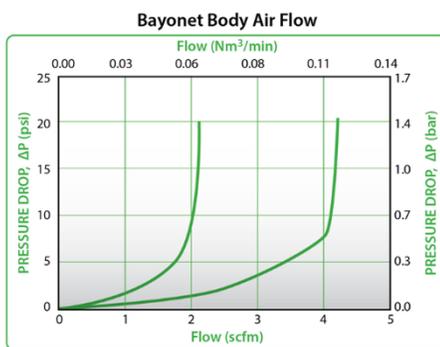
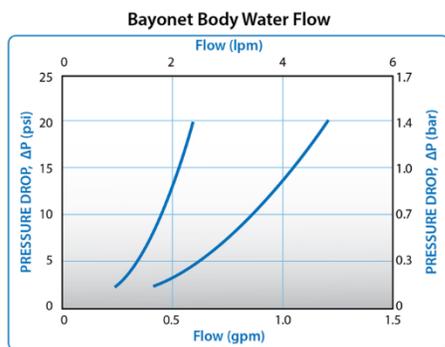
The BCF fittings come standard with hose barbs that fit small-bore tubing sizes from 1/8" to 5/32" (3.2 mm to 4.0 mm.) For additional hose barb sizes, contact your CPC RSM.

What are the pressure/temperature specifications?

Pressure per Line: Vacuum to 20 psi, 1.38 bar

Temperature: 32°F to 122°F (0°C to 50°C)

What are the flow characteristics?



When is it available?

The product is available June, 2016.

What color is the BCF Series available in?

The BCF Series is available in gray with a white thumb latch.

Will the BCF Series fittings mate with any other CPC fittings?

The BCF Series mates with bayonet male fittings on the market that conform to ISO80369-5, including FitQuik male bayonet fittings from CPC.



BCF330/331



BCF430/431



BCF530/531



BCF630/631

What is the bag quantity of BCF Series Fittings?

There are 25 BCF Series Bayonet Bodies in a bag.

What is the lead time for BCF Series Fittings?

The standard lead time for BCF Series Bayonet Body is 10 working days.

How can I receive product samples?

Product sample requests are available in the BCF Series page of CPC's [Channel Tools/New Products](#).



BCF Series Fittings

How can I get more information on the BCF Series?

More information including specifications, customer drawings, part numbers and purchase information can be found at cpcworldwide.com/BCF Series.