



Filter Data Sheet

Bi-Component Filter Cartridge

Only polyolefin thermally bonded bi-component fibers are used in the construction of the **Bi-Component Filter Cartridges**.

The unique fiber-to-fiber bond forms a very stable porosity. The patented construction of the Bi-Component filter cartridge provides consistent filtration and eliminates pore size variability and media migration.

The rigid construction also provides a three dimensional fiber network that offers a high tolerance to differential pressures. This unique feature also prevents changes in the fiber matrix throughout the life of the filter providing for precise filtration and eliminating filter unloading.

Construction Materials

Filtration Media Polyolefin
End Caps Polypropylene
O-rings/Gaskets Buna, EPDM, Silicon
 Viton, Polyfoam

Ordering Information

TBB Series – Polyolefin Bicomponent Cartridges

(Replaces Cuno Betapure AU part numbers)

Examples of Part numbers:

TBB5-5; TBB25-126; TBB75-432



Dimensions (nominal)

Lengths:
 9.75 to 40 inches (24,8 to 101,6 cm)
Outside Diameter:
 2.6" (6,6 cm)
Inside Diameter:
 1.1" (2,8 cm)

Maximum Recommended Operating Conditions

Differential Pressure ΔP 5,5bar
Temperature 80°C

FDA Listed Materials

Manufactured from materials, which are listed for food contact applications in Title 21 of the U.S. Code

Ordering Information (universal ordering code, not all options are available)

TBB	Pore Size	Length	End Cap Code	O-Rings/Gaskets
Polyolefin	1 = 1 μm (Cuno "A")	1 = 10" (25.4 cm)	Blank = None	Blank = None
	3 = 3 μm (Cuno "B")	2 = 20" (50.8 cm)	1 = DOE w/ Gaskets	1 = Silicone
	5 = 5 μm (Cuno "C")	3 = 30" (76.2 cm)	2 = 222 w/ Flat Cap	2 = EPDM
	10 = 10 μm (Cuno "E")	4 = 40" (101.6 cm)	3 = 222 w/ Fin	3 = Buna
	25 = 25 μm (Cuno "G")	5 = 9.75" (24.8 cm)	4 = 222 w/ Spring	4 = Viton
	50 = 50 μm (Cuno "L")	6 = 9.875" (25.1 cm)	5 = 226 w/ Spring	5 = Teflon® Encaps. Viton
	75 = 75 μm (Cuno "Q")	7 = 19.5" (49.5 cm)	6 = 226 w/ Flat C	6 = Polyfoam
	100 = 100 μm (Cuno "V")	8 = 29.25" (74.3 cm)	7 = 226 w/ Fin	
	150 = 150 μm (Cuno "W")	9 = 29.5" (74.9 cm)	8 = SOE w/ Spring	
	200 = 200 μm	X = 39" (99.1 cm)	9 = SOE w/ Core Extender	
	350 = 350 μm			



Performance Data (for Water, 10")

Flow versus Pressure

Filtration Efficiencies

