



## Biflex™ Series BF-200AB

### Absolute\* Pleated Cellulose Polyester FILTER CARTRIDGES

Absolute\* Biflex™ Series Pleated Cellulose Polyester Cartridges are the benchmark for critical industrial applications that demand optimal fluid filtration. Biflex cartridges are available in a broad range of micron ratings to match specific applications.

#### APPLICATIONS

- Aqueous Fluids
- Oil and Gas
- Chemicals
- Pharmaceuticals
- Electronics
- Photographic
- Magnetic Media
- Water

#### CARTRIDGE OPERATION

Biflex™ Series BF-200AB Cartridges are absolute-rated cartridges that are manufactured using proprietary cellulose and polyester fibers held together by an acrylic binder. The media provides a gradient density matrix of microfibers with a tapered pore structure that allows for true depth loading of contaminants throughout, and a Beta 5000 rated efficiency of 99.98%.

The optimized construction of Biflex cartridges helps maximize profitability by reducing process downtime, equipment repair or replacement, labor, and disposal costs.

#### FEATURES

- Available in 2.25-, 2.5- and 2.75-inch diameters
- Blended cellulose polyester media specially formulated for aqueous fluids
- 99.98% (Beta 5000) efficiencies at stated micron ratings
- Encapsulated design ensures gasket stays in place during change-outs
- Long cartridge life reduces change-out frequency
- Higher flow rates with low pressure drop
- Fixed pore structure minimizes fiber migration

*Custom housings are available for these cartridges.  
Contact our technical support team for more details.*

#### SPECIFICATIONS

Component	Material/Value
Fiber Media	Blended Cellulose Polyester
Maximum Temperature Rating	180 °F (82.2 °C) (275 °F with certain options)
Maximum Differential Pressure	75 PSID



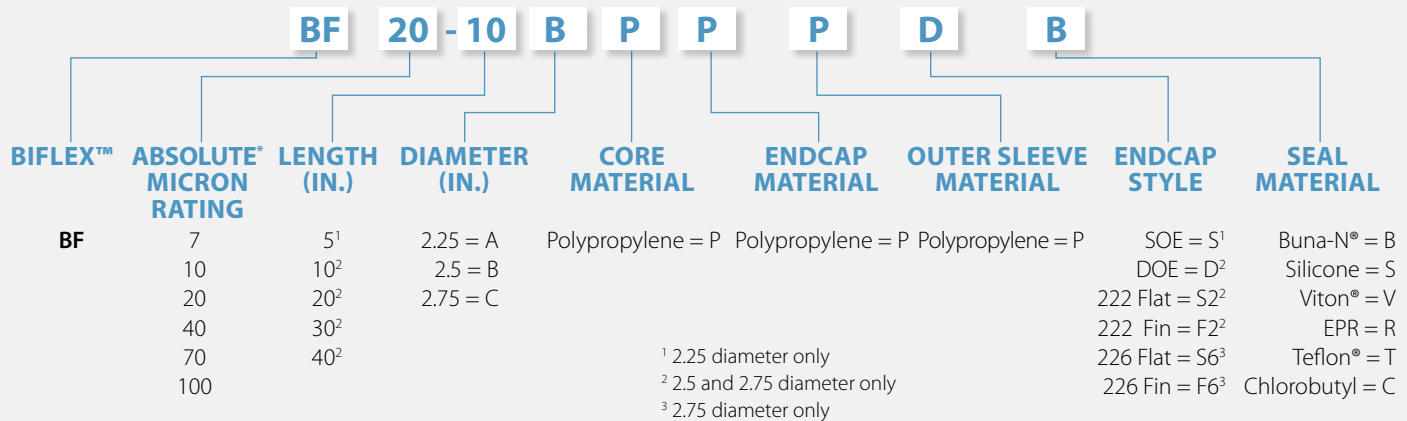
**Pentair  
Industrial**

\*Absolute defined as  $B_5 > 5,000$   
(99.98% efficiency at stated micron size)

# Biflex™ Series BF-200AB Filter Cartridges

## ORDERING INFORMATION

Custom configurations available; please contact Customer Service.



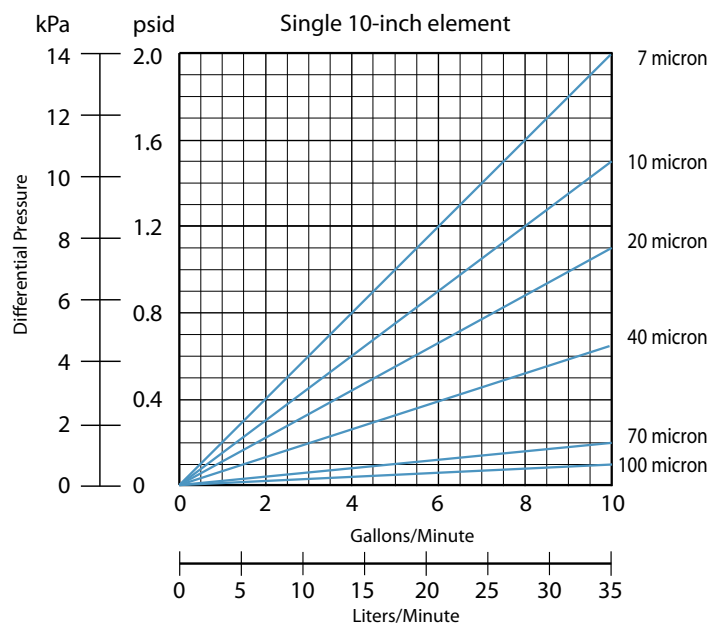
## DIMENSIONS AND CONSTRUCTION

Biflex™ Series BF-200AB				
Diameter (Inches)		2.25	2.5	2.75
Length (Inches)	5	•		
	9.75			
	10		•	•
	18			
	19.5			
	20		•	•
	29.25			
	30		•	•
	36			
	39			
	40		•	•
	44			
	70		•	•
100		•	•	
Center Core		P	P	P
Endcap		P	P	P
Outer Sleeve		P	P	P
Endcap Style	DOE		•	•
	SOE	•		
	S2		•	•
	F2		•	•
	S6			•
	F6			•
Seal		S	B, S, V, T, R, C	B, S, V, T, R, C

Cartridge Availability Key			
P	Polypropylene	V	Viton®
S	Silicone	T	Teflon®
B	Buna-N®	C	Chlorobutyl
R	EPR		

## TEST DATA

Biflex™ Series BF-200AB Cartridge Water Flow Rate



Flow rate is per single 10-inch element. For other liquids, multiply the  $\Delta P$  by the fluid's viscosity in centipoise. For longer cartridges, divide the  $\Delta P$  by the number of 10-inch equivalents.



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