

RESIN BONDED FILTER CARTRIDGE

SINFTFILTER
www.sinftfilter.com

Benefits:

- Outer, spiral wrap collects large particles and agglomerates, while inner layers control particle removal at rated size
- Outer wrap increases surface area, & eliminates loose debris and contamination caused by machined products
- Extra-long acrylic fibers provide added strength, resist breakage and migration common with competitive "short fiber" cartridges
- Available with optimal single open-end seals (222 o-ring with flat cap) in ABS or nylon
- Phenolic resin impregnation strengthens cartridge for use with high viscosity fluid
- Withstands pressure surges up to 150psid across cartridge (depending on fluid temperature)
- ISO 9001 registered company

Applications:

Paints

Printing Inks

Adhesives

Resins

Emulsions

Chemical Coatings

Organic Solvents

Plasticizers

Waxes

Oil & Gas Fluids

Petroleum Products

Coreless, one-piece, rigid resin bonded fibrous matrix
Particle Removal Ratings 2µm, 5µm, 10µm, 25µm, 50µm, 75µm, 125µm and 150µm

Provide size and accuracy, supporting alternative to 3M selection

Specifications:

Maximum Recommended Operating Conditions

- Flow Rate: 5gpm per 10 in length (18.9 lpm per 254 mm length)
- Temperature: 250°F (121°C)
- Maximum Recommended Change Out ΔP: 50psid (3.5bar)
- Recommended Maximum

Differential Pressure:

Cartridge Pressure Resistance

- 150psid (10bar) @ 70°F (21°C)
- 125psid (8.6bar) @ 100°F (38°C)
- 90psid (6.2bar) @ 150°F (65°C)
- 65psid (4.5bar) @ 180°F (82°C)
- 25psid (1.7bar) @ 250°F (121°C)

Dimensions, in. (mm)

Outside Diameter: 2-9/16 in (65)

Inside Diameter: 1-1/8 in (28.6)

Lengths: Nominal, 10, 20, 30 and 40 in.

End Adapters



Environmental/Chemical Compatibility Classified as a nonhazardous material

- Incinerable (8000 BTU/lb)
- Crushable and shredable
- Certified silicone-free
- Suitable for weak acids and bases (pH 5-9)
- Unsuitable for oxidizing agents
- Not recommended for FDA applications

Cartridge Code		Micron Rating	Nominal Length			End Cap Configuration		Seal Material	
PRO	ProBond Series	(µm)	CODE	IN.	mm	CODE	DESCRIPTION	CODE	MATERIAL
		2	9	9-3/4	248	None	Std. double open end (DOE) coreless	None	DOE and XA
		5	10	10	254	CXC	Extended tinned steel core	E	EPR
		10	19	19-1/2	495	C	Tinned steel core	N	Buna-N
		25	20	20	508	NTC	Single open end 222 o-ring/Flat cap (Nylon)	S	Silicone (O-ring only)
		50	29	29-1/4	743	OB	Std. open end/Polypropylene spring closed end	T	PFA Encapsulated Viton® (222, 226 O-ring only)
		75	30	30	762	TC	Single open end 222 O-ring/Flat cap (ABS Plastic)	V	Viton®
		125	39	39	991	XA	Poly extender		
		150	40	40	1016	XB	Extended core open end/ Polypropylene spring closed end		
		200							
		250							