RESIN BONDED FILTER CARTRIDGE

SINF TFILTER www.sinftfilter.com



Benefits:

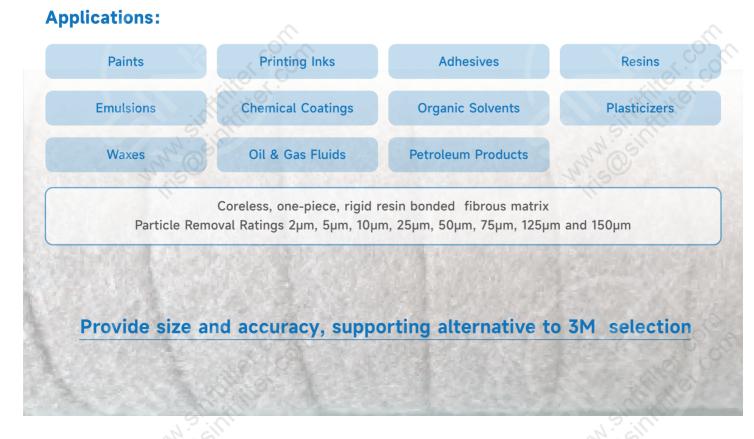
• Outer, spiral wrap collects large particles and agglomerates, while inner layers control particle

removal at rated size

• Outer wrap increases surface area, & eliminates loose debris and contamination caused by machined products

• Extra-long acrylic fi bers provide added strength, resist breakage and migration common with competitive "short fi ber" cartridges

- Available with optimal singleopen-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 fl uid temperature)
- ISO 9001 registered company



Future Professional Partner

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

• None on double open end style

• ABS (Acrylonitrile Butadiene Styrene) for most applications

• Nylon (NTC) for aromatic solvents



Environmental/Chemical Compatibility Classifi ed as a nonhazardous material

- Incinerable (8000 BTU/lb)
- Crushable and shredable
- Certifi ed 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 Le	
PRO	ProBond Series	(µm)	CODE	IN.
-		2.0	9	9-¾
		5	10	10
		G 10	19	19-1/2
		25	20	20
		50	29	29-1/4
		75	30	30
		125	39	39
		150	40	40
		200	-	
		250		

CODE	IN.	mm
9	9-%	248
10	10	254
19	19-1⁄2	495
20	20	508
29	29-1/4	743
30	30	762
39	39	991
40	40	1016

End Cap Configuration				
CODE	DESCRIPTION			
None	Std. double open end (DOE) coreless			
CXC	Extended tinned steel core			
С	Tinned steel core			
NTC	Single open end 222 o-ring/Flat cap (Nylon)			
OB	Std. open end/Polypropylene spring closed end			
TC	Single open end 222 O-ring/Flat cap (ABS Plastic)			
XA	Poly extender			
XB	Extended core open end/ Polypropylene spring closed end			

Seal Material			
CODE	MATERIAL		
None	DOE and XA		
E	EPR		
N	Buna-N		
S	Silicone (O-ring only)		
т	PFA Encapsulated Viton® (222, 226 O- ring only)		
V	Viton [®]		

www.sinftfilter.com

Future Professional Partner