



SRB Series

Spiral Resin Bonded Cartridges

Description

SRB Series Spiral Resin Bonded Filters have unique double layered structure. It made by mixing acrylic fibers and resins and sintered at high temperatures. The outer spiral layer of resin bonded cartridges are relatively loose, which are conducive to hold larger particles and the hard structure of the inner layers are high precision, so as to filter smaller impurities and achieve a filtration efficiency of 99.9% with long service life. Resin bonded cartridge filters are large flow rate, low resistance, strong ability to high precision filtration rating, high mechanical strength, good support, no fiber shedding and strong corrosion resistance.



Features

- Resin bonded filters normally are DOE adapter, SOE adapter is accepted
- Resin bonded cartridge filters are ultra strong compressive strength and wide chemical compatibility
- Resin bonded cartridges very suitable for being used in high-temperature and high viscosity liquid filtration
- The outer wrap of cartridge filters increase surface area, no fiber shedding and strong corrosion resistance
- Resin bonded cartridge filters are large flow rate, low resistance and strong ability to high precision filtration rating
- The outer layer spiral wrap of resin bonded cartridges collect large particles, while inner layers control small particles

Specification

Filter Media	Acrylic Fiber/Phenolic Resin
Length	5"(127mm), 9.8"(248mm), 10"(254mm), 20"(508mm), 30"(762mm), 40"(1016mm)
Inside Diameter	28mm, 30mm
Outside Diameter	2.55" (65mm)
Filtration Rating	1µm, 5µm, 10µm, 25µm, 50µm, 75µm, 100µm, 125µm, 150µm, 200µm
End Cap Type	Double Open End (DOE)

Application

- Printing Inks
- Oil & Gas Fluids
- Organic Solvents
- Chemical Coatings
- Adhesives & Resins
- Petroleum Products
- Plasticizers Industry

Operation Data

Max. Operating Temperature	125°C
Max. working Pressure	25 bar
Max. Differential Pressure	4.8 bar
Applicable Acidity & Alkalinity	PH 4 - 9
Liquid Flow Direction	Outside to inside
Recommend Change out Differential Pressure	2.5 bar
Recommend Flow Rate (10" for water)	5µm: 22 L/min
	10µm: 30 L/min
	50µm: 40 L/min

Order Information

SRB	Length	Micron Rating	ID	OD	End Cap
SRB Series Spiral Resin Bonded Cartridge Filters	5 = 5" (127mm)	1 = 1µm 5 = 5µm	A = 28mm	F = 65mm	D = DOE(Double Open End)
	9.8 = 9.8" (248mm)	10 = 10µm			
	10 = 10" (254mm)	25 = 25µm 50 = 50µm			
	20 = 20" (508mm)	75 = 75µm 100 = 100µm	B = 30mm		
	30 = 30" (762mm)	125 = 125µm 150 = 150µm			
	40 = 40" (1016mm)	200 = 200µm			

For Example:

SRB-20-5-A-C-D

SRB Series Spiral Resin Bonded Cartridge Filters - 20" - 5µm -28mm - 65mm - DOE

Special specifications Resin Bonded Cartridge Filters can be customized, such as special ID, OD, length and end caps etc.

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