



SPUNFLOW QA Filter Cartridges

- liquid filters
- polypropylene, polyester / nylon

SPUNFLOW QA cartridges are a range of absolute rated, graded density filter elements, manufactured from thermally bonded microfibrils layered onto a resilient centre core. The construction consists of numerous, distinctive filter zones with coarser outer layers acting as prefilters for the tighter, absolute rated central zone, this removal profile produces an element possessing high voids volume, which benefit the user through high flow rates, low pressure loss, high dirt holding capacity and long life.

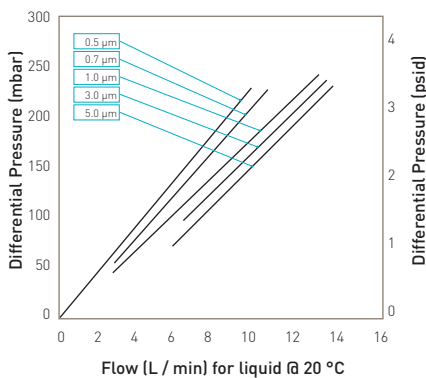
The thermally bonded media also eliminates fibre migration and resists the tendency to unload during service. Available in two grades, polypropylene and polyester / nylon, the range offers extremely wide chemical compatibility.

Features and Benefits

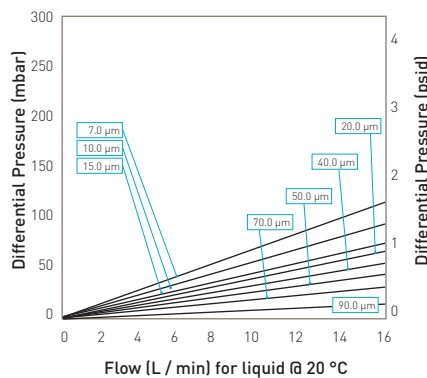
- Absolute ratings from 0.5 to 120 micron
- Exhibits fast rinse up to 18 megohms in electronics duties
- Available in lengths up to 40" (1016 mm)
- 99.98% absolute efficiency



Performance Characteristics



10" Size (250 mm) Cartridge



10" Size (250 mm) Cartridge

Specifications

Materials of Construction

- Filtration Media: Polypropylene
Polyester / Nylon
- End Caps: Polypropylene
Nylon

Recommended Operating Conditions

Maximum Temperature:
Polyester / Nylon - 135°C (275°F)
Polypropylene - 65°C (149°F)

Maximum Differential Pressure
4 bar at 20°C (68°F)

Maximum Recommended Differential Pressure
2 bar (29 psid)

Cleaning and Sterilisation

SPUNFLOW QA can be repeatedly steam sterilised in situ or autoclaved up to 130°C (266°F). They can be sanitized with hot water at up to 90°C and are compatible with a wide range of chemicals.

Dimensions

Outside diameter: 64 mm (2.52")
Inside diameter: 29 mm (1.14")
a caged version can be supplied in polypropylene 68 mm (2.68")

Applications

- Fine chemicals
- High purity water
- Optical coatings
- Inks

Ordering Information

Code Length (Nominal)	Code Material	Code Micron	Code End Fitting	Code Seal Material	Code Seal Material	Code Option
09 9.75" [247 mm]	P Polypropylene	A5 0.5 µm	0 DOE	E EPDM	S Standard	S** Stainless Steel
10 9.875" [251 mm]	S Polyester / Nylon	A7 0.7 µm	2 Flat / 226	N Nitrile	C Light Cage	Insert Ring
11 10" [254 mm]	<i>NB: Polyester / Nylon core and end fitting 1 to 90 micron</i>	01 1 µm	3 Flat / 222	S Silicone		
19 19.50" [500 mm]		03 3 µm	6 Flat / 118 / 020	V Viton***		
20 20" [508 mm]		05 5 µm	7 Fin / 226			
29 29.50" [750 mm]		07 7 µm	8 Fin / 222			
30 30" [762 mm]		10 10 µm	9 213			
39 39.25" [1000 mm]		15 15 µm				
40 40" [1016 mm]		20 20 µm				
		40 40 µm				
		50 50 µm				
		70 70 µm				
	90 90 µm					
	120 CA					

Other lengths available upon request

Minimum Box Quantity	
10"	40
20"	20
30"	20
40"	20

*** S option is inclusive of light cage option*

***Viton is a registered trademark of E.I. DuPont de Nemours & Co., Inc

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