

# SPUNFLOW QA Utilities

Filter Cartridges



SPUNFLOW QA cartridges are a range of absolute graded density filter elements, manufactured from thermally bonded polypropylene microfibers 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 profile produces an element possessing high voids volume, for flow rates 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.

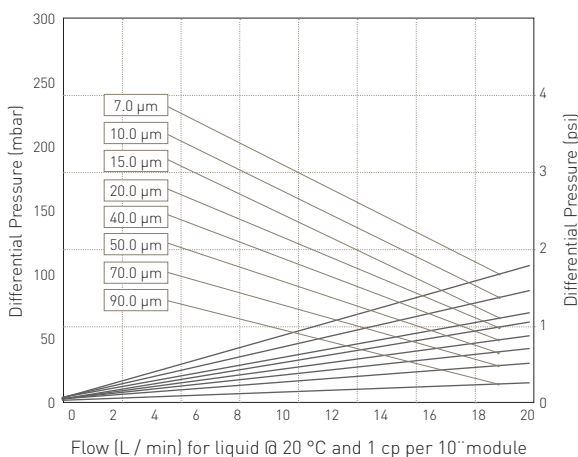
## Features

- Absolute ratings from 0.5 to 120 micron
- Thermally bonded polypropylene
- High throughput and low pressure loss

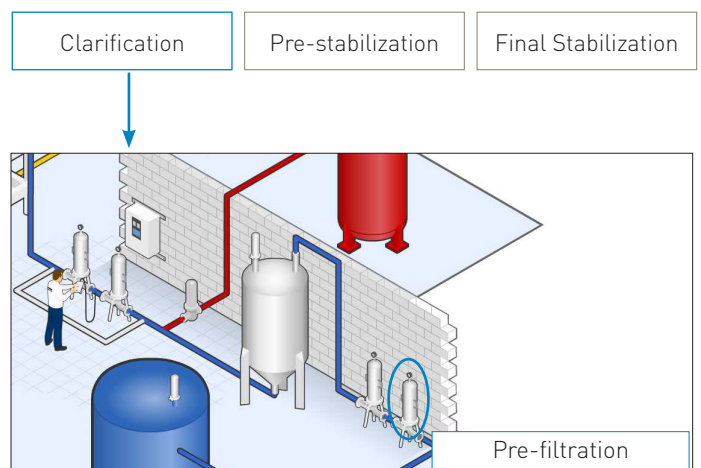
## Benefits

- Ability to provide defined clarification under a wide particle loading of the feed solution
- Strong construction for stable retention
- Decreased system size and lower running costs provide an economical solution to clarification applications

## Performance Characteristics



## Filtration Stage



## Specifications

### Materials of Construction

Filtration Membrane:	Polypropylene
End Caps:	Polypropylene
	Nylon
Standard o-rings:	Silicone

### Food Contact Compliance

Materials conform to the relevant requirements of FDA 21 CFR Part 177 and current EC1935 / 2004.



### Dimensions

Standard Cartridge	
Outside diameter:	64 mm (2.52")
Inside diameter:	29 mm (1.14")

A caged version can be supplied in polypropylene 68mm (2.68")

### Recommended Operating Conditions

#### Maximum Temperature:

Polypropylene - 65°C (149°F)

#### Maximum Differential Pressure

4 bar at 20°C (68°F)

#### Maximum Recommended Differential Pressure

2 bar (29 psid)

## Ordering information

QA													
Code	Length (Nominal)	Code	Material	Code	Micron	Code	End Fitting	Code	Seal Material	Code	Cage Option	Minimum Box Quantity	
09	9.75" (247 mm)	P	Polypropylene	A5	0.5 µm	0	DOE	E	EPDM	S	Standard	10"	40
10	9.875" (251 mm)			2	Flat / 226	S	Silicone	L	Light Cage	20"	20		
11	10" (254 mm)			01	1 µm	3	Flat / 222			30"	20		
19	19.50" (500 mm)			03	3 µm	6	Flat / 118 / 020			40"	20		
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	X	Plain						
40	40" (1016 mm)			20	20 µm	E	Ext Core						
				40	40 µm								
		50	50 µm										
		70	70 µm										
		90	90 µm										
		120	CA										

*Other lengths available upon request*

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