

SPUNFLOW QN

Filter Cartridges



Graded density, high porosity, SPUNFLOW QN filter elements are manufactured from thermally bonded Polypropylene microfibers. Offering high throughputs, low pressure loss, high dirt capacity and long onstream life, the bonded fibre construction minimizes any possibility of fibre migration and is rugged enough to resist particle shedding, even under pulse conditions.

Consisting only of pure polymer, SPUNFLOW QN is compatible with most chemical processes and contain no additives, leachables or extractables and is compliant with the requirements of the FDA for food and beverage contact. Elements can be incinerated to trace ash reducing disposal costs.

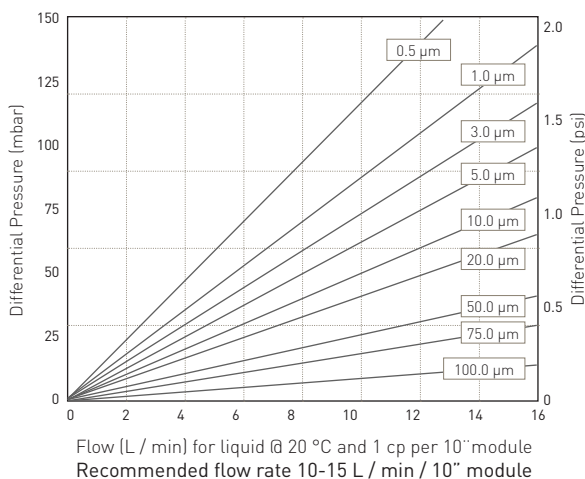
Features

- Thermally bonded polypropylene
- 90% nominal rated
- High throughputs and low pressure loss

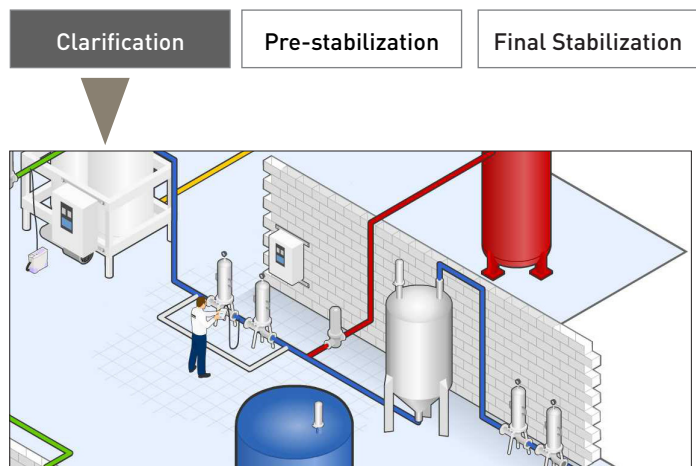
Benefits

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

Food and Biological Safety

Materials conform to the relevant requirements of FDA 21CFR Part 177, current EC1935 / 2004 and current USP Plastics Class VI - 121 °C and ISO10993 equivalents.



Dimensions

Standard Cartridge
 Outside diameter: 62 mm (2.44") x
 Inside diameter: 29 mm (1.14")

Endcapped Cartridge
 Outside diameter: 64 mm (2.51") x
 Inside diameter: 27 mm (1.06")

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

QN									
Code	Length (Nominal)	Code	Material	Code	Micron	Code	End Fitting	Code	Seal Material
09	9.75" (247 mm)	P	Polypropylene	A5	0.5 µm	0	DOE	X	None
10	9.875" (251 mm)			01	1 µm	2	Flat / 226	E	EPDM
11	10" (254 mm)			03	3 µm	3	Flat / 222	S	Silicone
19	19.50" (500 mm)			05	5 µm	6	Flat / 118 / 020		
20	20" (508 mm)			10	10 µm	7	Fin / 226		
29	29.50" (750 mm)			25	15 µm	8	Fin / 222		
30	30" (762 mm)			50	50 µm	9	213		
39	39.25" (1000 mm)			75	75 µm	X	Plain		
40	40" (1016 mm)			99	99 µm	E	Ext Core		
<i>Other lengths available upon request</i>				CL	150 µm				
		CC	200 µm						
		CD	250 µm						

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