

SPUNFLOW QN Utilities

Filter Cartridges



Graded density, high porosity, SPUNFLOW QN filter elements are manufactured from thermally bonded Polypropylene microfibers. Offering high throughputs, low pressure loss, high holding dirt capacity and long on-stream 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.

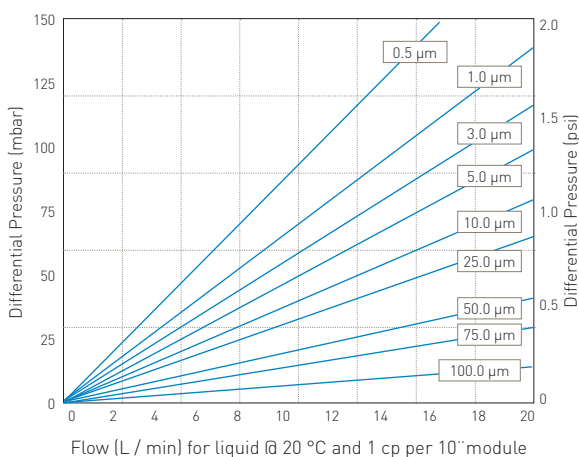
Features

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

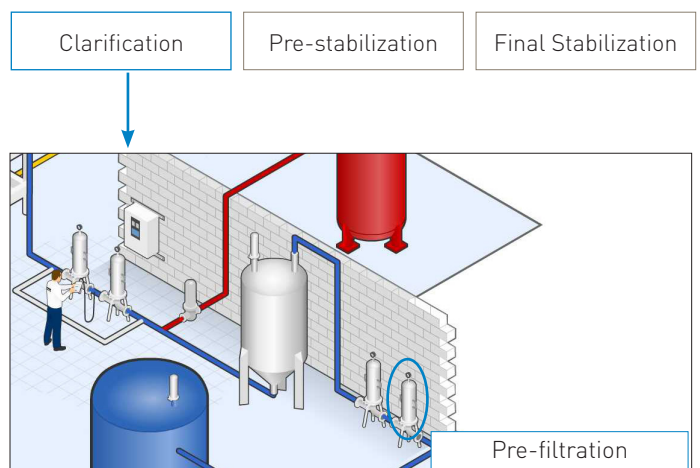
Benefits

- 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:	Polyester / Nylon
	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:	62 mm (2.44")
Inside diameter:	29 mm (1.14")
End Capped Cartridge	
Outside diameter:	64 mm (2.51")
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
09	9.75" (247 mm)	P	Polypropylene	A5	0.5 µm	X	DOE
10	9.875" (251 mm)			01	1 µm	2	Flat / 226
11	10" (254 mm)			03	3 µm	3	Flat / 222
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	25 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		

Seal Material		Minimum Box Quantity	
Code	Seal Material		
X	None	10"	40
E	EPDM	20"	20
S	Silicone	30"	20
		40"	20

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HOUSING RANGE AVAILABLE



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for all your filter requirements