







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.

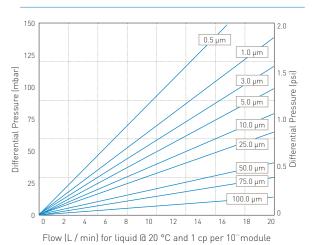
Features

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

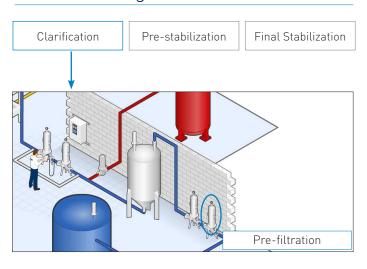
Benefits

- 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

Polyester / Nylon

■ 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.



Recommended Operating Conditions

Maximum Temperature: Polypropylene - 65°C (149°F)

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Maximum Differential Pressure

4 bar at 20°C (68°F)

Maximum Recommended Differential

Pressure

2 bar (29 psid)

Dimensions

Standard Cartridge

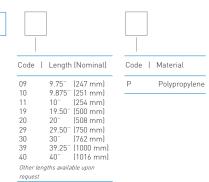
Outside diameter: 62 mm (2.44") Inside diameter: 29 mm (1.14")

End Capped Cartridge

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

Ordering information

QN



Code	Micron	Code	I
A5	0.5 µm	0	D
01	1µm	2	FI
03	3 µm	3	FI
05	5 μm	6	Fl
10	10 µm	7	Fi
25	25 µm	8	Fi
50	50 µm	9	21
75	75 um		-

99 μm 150 μm

200 um

CL

Code	End Fitting	Code	Seal Material
0	DOE	Χ	None
2	Flat / 226	E	EPDM
3	Flat / 222	S	Silicone
6	Flat / 118 / 020		
7	Fin / 226		
8	Fin / 222		
9	213		
Χ	Plain		
Ε	Ext Core		

Minimum Box Quantity

10" 40
20" 20
30" 20

HIL, HSL & HIL MULTI HOUSING RANGE AVAILABLE

