Spunflow QN

Polypropylene Filter Cartridges

Graded density, high porosity, SPUNFLOW QN filter elements are manufactured from thermally bonded polypropylene microfibres. Offering high throughputs, low pressure loss, high dirt holding capacity and long onstream life, the bonded fibre construction minimises any possibility of fibre migration and is rugged enough to resist particle shedding, even under pulse conditions. Fibre diameter is controlled throughout extrusion, these micro fibres are then thermally bonded into a complex filter matrix during Spunflow filter construction. These interlinked graded density layers offer maximum support and maximum void volume resulting in true depth filtration.

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Benefits

- Wide chemical compatibility, using 100% pure thermally bonded polypropylene.
- Tested to ensure efficiency is consistent even at extremes of flow and differential pressure.
- Filtration ratings 0.5 to 100 µm.
- 90% Nominally rated
- Graded density structure for maximum dirt holding capacity.
- High void volume, resulting in low differential pressure.
- High strength all polypropylene cartridge, no support core required.
- Easy handling and operation.
- Fit into existing cartridge filter units.

Applications

- Oil & Gas
- Fine chemicals
- Petrochemical
- Inks & Coatings
- Food & Beverage
- Electronics
- Metal finishing
- Pulp & Paper
- Process water
- Waste water
- Pre filtration RO

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ENGINEERING YOUR SUCCESS.

Polypropylene Filter Cartridges

SPECIFICATIONS

Materials of Construction

Type of Construction

- Thermally bonded polypropylene microfiber

Filter Media

- Polypropylene microfiber

Dimensions

Cartridge Outside Diameter

- Standard 2.44" (62 mm)
- Endcapped 2.51" (64 mm)

Cartridge Inside Diameter

- Standard 1.14" (29 mm)
- Endcapped 1.06" (27 mm)

Maximum Recommended Operating Conditions

Temperature

- 149°F (65°C)

Differential Pressure

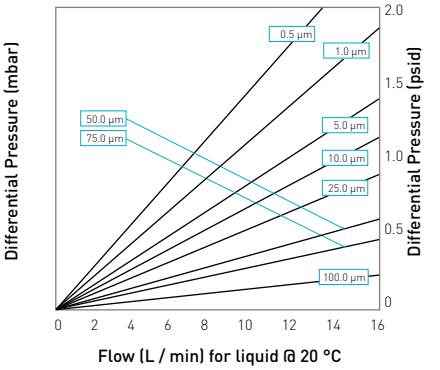
- 29 psi (2 bar) @ 68°F (20°C)

Maximum Operating Conditions

Differential Pressure

- 58 psi (4 bar) @ 68°F (20°C)

Performance Characteristics



10¨ Size (250 mm) Cartridge

Ordering Information

QN [ ] [ ] [ ] [ ] [ ]

Nominal Length		
Code	Inch	mm
09	9.75	247
10	9.875	251
11	10	254
19	19.50	500
20	20	508
29	29.5	750
30	30	762
39	39.25	1000
40	40	1016
50*	50	1270

*Special order

Material	
Code	Description
P	Polypropylene

Filter rating	
Code	Micron
A5	0.5
01	1
05	5
10	10
25	25
50	50
75	75
99	100

End Cap Configuration	
Code	Description
0	DOE (Double open end)
2	Flat end / 226
3	Flat end /222
7	Fin / 226
8	Fin / 222
9	213
X	Plain End

Seal Material	
Code	Description
X	None
E	EPDM
N	Nitrile
P**	PE
S	Silicone
V***	Viton

**Plain End or DOE only

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