

Description

QUALITHERM N cartridges are polypropylene depth filter elements guaranteeing nominal filtration for various clarification or prefiltration applications ...

QUALITHERM N cartridges are made from thermally bonded calibrated fibres to obtain decreasing porosity. This density gradient gives the cartridge excellent retention capacity and minimum load loss.

Made 100% from polypropylene, QUALITHERM N cartridges offer excellent chemical compatibility for industrial applications and are ideal for food applications.

QUALITHERM N cartridges are available in a wide range of lengths, diameters and end-fittings for easy adaptation to all industrial standards.

Features & Benefits

- Wide range from 0.5 to 100 µm.
- Available in 2 diameters (64 and 110 mm) for BB versions.
- One-piece construction (without core)
- Available with PP core on request.
- Self-supported thermo-welded polypropylene fibres.
- Decreasing porosity.
- Low load losses.
- High retention capacity.
- Broad chemical compatibility.
- Available in food grade (ACS certification).



Dimensions

	Description
External diameter	64 or 110 mm
Internal diameter	28 mm
Lengths	5" up to 40"

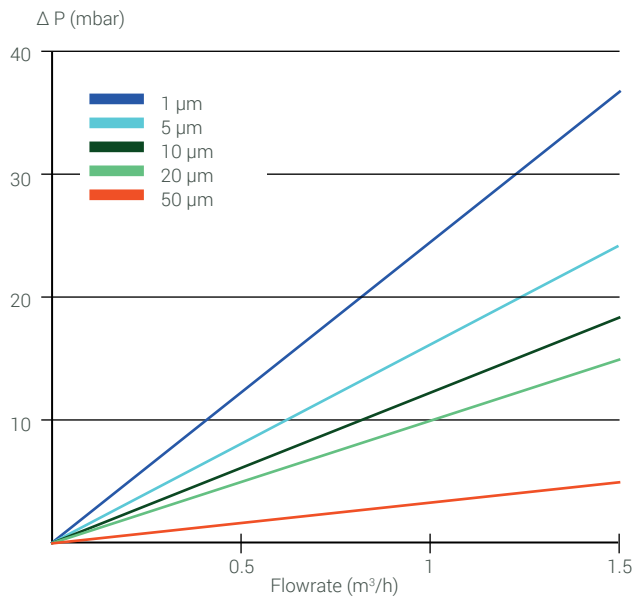
Maximum differential pressure ΔP

Co-current	Operating temperature
4 bar	20°C
1.8 bar	65°C

Maximum operating temperature

Self-supported version (without core)	65°C
Recommended differential pressure for cartridge change	2bar at 20°C

Typical flowrates



Typical loss of initial charge ΔP by element of 254 mm (10»), water at 20°C, viscosity 1 cP

Order ID

REFERENCE QTN - **PP** - **XX** - **01** - **20** - **X** - **X**
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Table 1 : Filter medium

Code	Description
PP	Polypropylene

Table 2 : Quality

Code	Description
XX	Industry
QA	Food (ACS)

Table 3 : Retention threshold

Code	Description	Code	Description
005	0.5 μm	20	20 μm
01	1 μm	50	50 μm
03	3 μm	75	75 μm
05	5 μm	99	100 μm
10	10 μm		

Table 4 : Length

Code	Description
91	9" 3/4 = 248 mm
92	9" 7/8 = 251 mm
10	10" = 254mm
20	20" = 508mm
30	30" = 762mm
40	40" = 1016mm
10 BB	10" BB
20 BB	20" BB

Table 5 : Adapter

Code	Description
0	DOE - Double opening with flat seal
3	SOE - One end open with 222 external O-ring seals, the other end closed flat
7	SOE - One end open with 2 locking pins and 226 external O-ring seals, the other end closed with guide tip
8	SOE - One end open with 22 external O-ring seals, the other end closed with guide tip
X	Special

Table 6 : Gasket material

Code	Description
X	Without gasket
E	EPDM
T	FEP
S	Silicone
N	Nitrile
V	Viton