

QUALITHERM A

Heat-sealed cartridge

EN Data sheet

QUALI FILTRES
SIEBEC Group

Heat-sealed polypropylene or polyamide cartridge



Standard dimensions

External diameter	64 mm
Internal diameter	28 mm
Lengths	9"3/4 to 40"

Description

QUALITHERM A cartridges are deep filter elements guaranteeing absolute filtration thresholds for various clarification or pre-filtration applications...

QUALITHERM A cartridges are made from calibrated thermo-blown fibres, giving a filtration efficiency of 99.98%. This technology gives the cartridge excellent retention capacity and minimal pressure drop.

Made from 100% polypropylene or polyamide (nylon), QUALITHERM A cartridges offer excellent chemical compatibility for a wide range of industrial applications (water, acid, solvents, hydrocarbons, etc.).

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

Characteristics & benefits

- Wide range from 0.5 to 50 μ
- Absolute filtration for consistent, repeatable performance
- Polypropylene or polyamide (nylon) media
- Decreasing porosity
- Low pressure drop
- High retention capacity
- Wide chemical compatibility
- Good thermal stability thanks to its core construction
- FDA-compliant PP version

Max. differential pressure ΔP

PP version

Co-current	Service temperature
4 bar	20° C
2 bar	60° C
1.2 bar	80° C

Polyamide version

Co-current	Service temperature
4 bar	20° C
2 bar	80° C
1.2 bar	120° C

Recommended differential pressure for cartridge change: 2bar at 20°C



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We are here to help.
Contact-us!

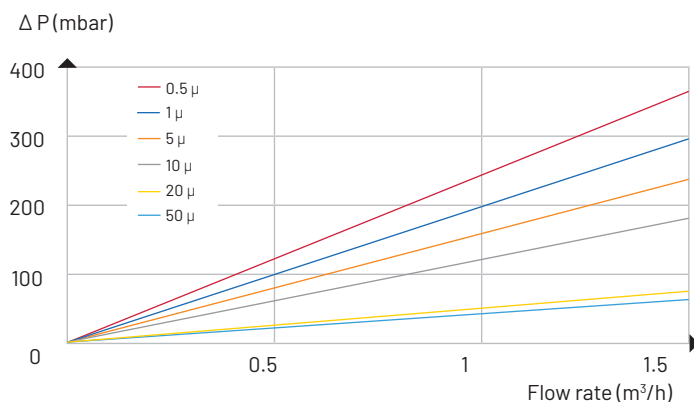
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Typical flow rates for 10' PP cartridges



Typical initial pressure drop ΔP per 254mm (10") element, water at 20°C, viscosity 1cP.

ORDER REFERENCE

Exemple :



A / Building materials

Code	Description
PP	Polypropylene
NY	Nylon

B / Core material

Code	Description
PP	Polypropylene
NY	Nylon

C / Retention threshold

Code	Description
005	0,5μ
01	1μ
05	5μ
10	10μ
20	20μ
40	40μ
50	50μ

D / Length

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

E / Adapter

Code	Description
0	DOE - Double opening with flat seal
2	SOE - Single open end with 2 locking lugs and external O-rings 226, other end closed flat
3	SOE - Single open end with external 222 O-rings, flat closed end
7	SOE - Single open end with 2 locking lugs and external O-rings 226, other end closed with guide pin
8	SOE - One end open with external 222 O-rings, other end closed with guide pin
x	Special

F / Seal materials

Code	Description
X	Nitrile
E	EPDM
S	Silicone
V	Viton



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