

# QUALITHERM NT

Heat-sealed cartridge

EN Data sheet

QUALI FILTRES  
SIEBEC Group

## Heat-sealed polypropylene or PES cartridge



### Standard dimensions

External diameter	63 mm
Internal diameter	28 mm
Lengths	10" to 30"

### Description

QUALITHERM NT cartridges are deep polypropylene filter elements guaranteeing nominal filtration for various clarification or pre-filtration applications...

QUALITHERM NT cartridges are manufactured from calibrated heat-sealed fibres suitable for high-temperature applications. This construction gives the cartridge high retention capacity and minimal pressure drop.

Made from 100% polypropylene or PES, QUALITHERM NT cartridges offer excellent chemical compatibility for high-temperature industrial applications.

QUALITHERM NT cartridges are available in a wide range of lengths.

### Characteristics & benefits

- Wide range 0.5 to 100µm
- One-piece construction (no core)
- Self-supporting polypropylene heat-sealed fibres
- Low pressure drop
- High retention capacity
- Wide chemical compatibility
- Good thermal stability

### Maximum differential pressure $\Delta P$

Co-courant	Service temperature
4 bar	20° C
2.1 bar	60° C
1.2 bar	80° C

### Maximum operating temperature

PP	80° C
PES	120° C

### Terms of service

Recommended replacement pressure differential	2 bar
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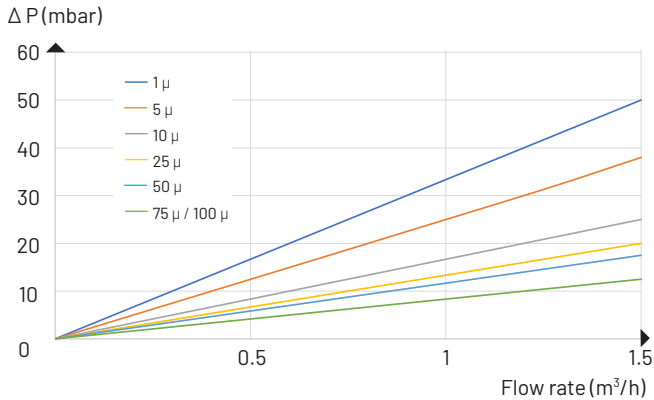
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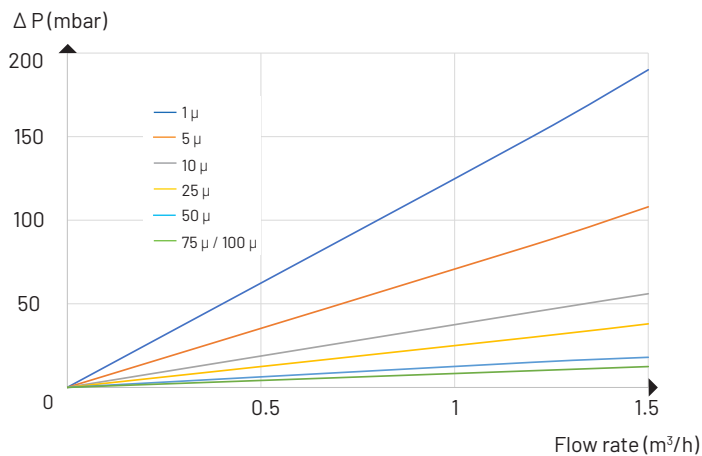
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## Typical flow rates for 10' PP cartridges



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

## Typical flow rates for 10' PES cartridges



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

## ORDER REFERENCE

Example :

QTNT - A - B - C  
PP - 05 - 10

### A / Building materials

Code	Description
PP	Polypropylene
PES	PBT = Polybutylene Terephthalate

### B / Filtration threshold

Code	Description
01	1μ
05	5μ
10	10μ
25	25μ
50	50μ
75	75μ
100	100μ

### C / Length

Code	Description
10	10" = 254 mm
20	20" = 508 mm
30	30" = 762 mm



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