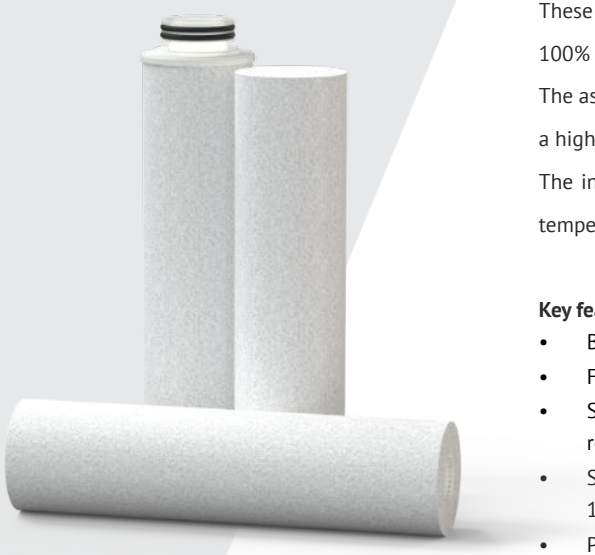
STC

Technical changes reserved | Rev.: 008.26.03

-> TO THE PRODUCT



These filter elements are manufactured using the meltblown process and are made of 100% polypropylene. The very fine fibers are thermally bonded using a special process. The asymmetrical filter structure (becoming finer from the outside to the inside) enables a high dirt holding capacity combined with high flow rates.

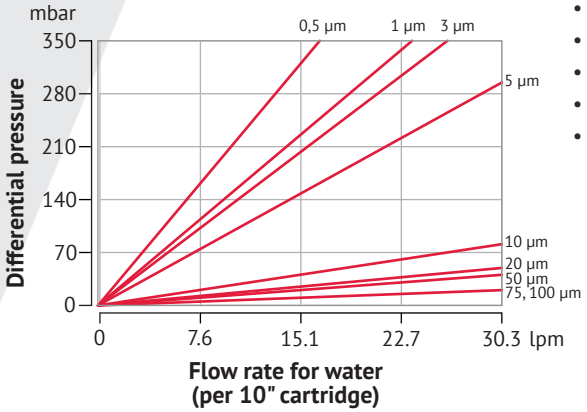
The integrated support core provides increased resistance to differential pressure and temperature.

Key features

- Biological safety according to USP Class VI
- Free of wetting agents, binders, and adhesives
- Suitable for use in food and beverage applications in accordance with FDA regulations
- Suitable for use in food and beverage applications according to EU Regulations 1935/2004 and 10/2011
- Paint Wetting Impairment Substances (PWIS / LABS):
  The filter media has been tested according to VDMA Standard 24364:2018-05 to ensure optimal paint adhesion.

Typical Applications

- Prefiltration in water treatment
- Process filtration for: solvents, chemicals, electroplating/surface treatment, paints and coatings
- Oils and fats
- Paints and coatings industry
- Food and beverage industry
- Biotechnology
- Film emulsions
- Solvents
- Air and gases



TECHNICAL DATA

Filter medium:	Polypropylene
End caps:	Polypropylene
Gaskets:	NBR, EPDM, Silicone, Viton, Viton (FEP-encapsulated)
Micron rating:	0,5, 1, 3, 5, 10, 20, 30, 50, 75, 100 µm
Inner diameter:	25,4 mm
Outer diameter:	63,5 mm, 67 mm with end caps
Length:	5", 9 3/4", 10", 19 1/2", 20", 29 1/4", 30", 39" ,40"
Working temperature:	Max. 80°C
Differential pressure:	Max. 10,3 bar @ 20°C Max. 6,2 bar @ 66°C Max. 2,4 bar @ 80°C
Filter change:	Recommended at 2,4 bar Differential pressure
Sterilization:	Autoklave for 30 min. at 121°C; Only for adapter C2, C3, C7, C8 and AM, and not in place.

Order information

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Micron rating			
0.5	0,5 µm	20	20 µm
1	1 µm	50	50 µm
3	3 µm	75	75 µm
5	5 µm	100	100 µm
10	10 µm		

Length	
5	5"
9.75	9 3/4"
10	10"
19.5	19 1/2"
20	20"
29.25	29 1/4"
30	30"
39	39"
40	40"

Adapter	
N	None
P	DOE
P3	222
P8	222 / Fin
P7	226 / Fin
P2	226
AM	O-Ring inside (Ametek)

Gasket	
N	None
B	NBR
S	Silicone
E	EPDM
V	Viton

Order example: STC 1-20P3V