

High Pure Depth Filter Cartridge

High pure series are constructed with two layers depth filter cartridges with fine fibers in the inner layer and coarse fiber in the outer layer in order to filtrate different diameter of dust in different layers. This design has high contaminant holding capacity. Therefore, the filter will have a longer service life and lower pressure drop.

✓ Applications of product

- Water treatment.
- General Industry.
- Desalation.



✓ Features & Benefits

- Certificated by NSF 42 standard.
- FDA approved.
- ISO 9001 certified.
- Pure Polypropylene construction.
- Highly price competitive.

✓ Operating Conditions

- Maximum operating temperature: 60 °C.
- Maximum operating forward pressure: 20 °C 3.2 kg/cm².
- Recommended replaceable pressure drop: 1.5 kg/cm².

✓ Product specifications

- Micron ratings: from 1 to 150.
- Material of construction: 100% Polypropylene.
- Length: 9.87", 10", 20", 30", 40", 50".
- Internal diameter: 1.1" (28 mm).
- External diameter: 2.5" (63 mm).
- Filtering area:
 - 10": 0.05 m²
 - 20": 0.10 m²
 - 30": 0.15 m²
 - 40": 0.20 m²
 - 50": 0.25 m²





✓ **Flow-rate / Delta-P - DHC data**

Flow-rate / Delta-P - DHC data			
Filtration (µm)	Liquids		DHC (gr)
	1 cP	10 cP	
1	1.0	0.10	40
3	1.2	0.12	55
5	1.5	0.15	60
10	1.8	0.18	110
20	2.0	0.20	125
50	2.0	0.40	155
75	2.0	0.50	175
≥ 100	2.0	0.60	200

Liquids flow-rate (m3/h) - Clean Delta-P 0.1 bar

✓ **Ordering Information**

H	-	C	-	B	-	5000	-	005	-	E	-	5
High Pure		Inner diameter: 28mm		Outer diameter: 63mm		Length: 0987 : 9,87" (251mm) 1000 : 10" (254mm) 2000 : 20" (508mm) 3000 : 30" (762mm) 4000 : 40" (1016mm) 5000 : 50" (1270mm)		Micro Ratings: 001 : 1 micron 005 : 5 micron 010 : 10 micron 025 : 25 micron 050 : 50 micron 075 : 75 micron 100 : 100 micron 150 : 150 micron		O-Ring Material: E=EPDM N=BUNA N S=Silicone V=Viton T=PFA Viton encapsulado		End cap number: F = DOE 0 = 222/FLAT 5 = 222/FIN 6 = 226/FLAT 7 = 226/FIN