

DEPTH FILTER

HD (NON-WOVEN DEPTH)

Thermal bonded non-woven fabrics made from high quality polypropylene prevent any fiber migration and ensure high efficiency in the inner media. PDF filter cartridges are suitable for water treatment, Chemicals, Plating, Food & beverage and

Features

- Low maintenance cost
- Excellent chemical compatibility
- Available on a wide range of materials and micron ratings



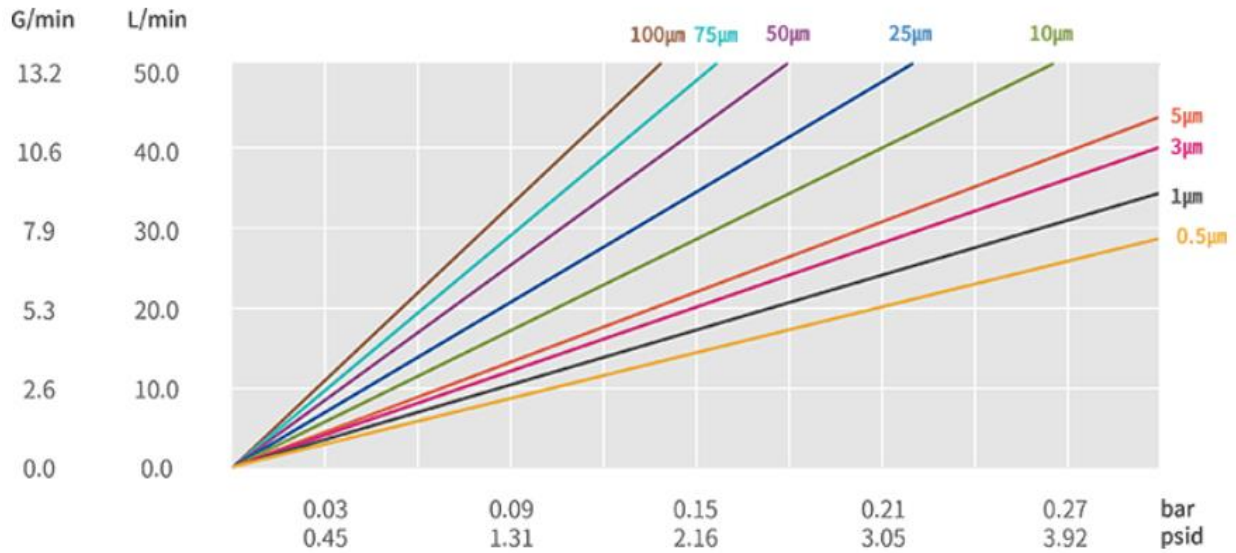
Applications

- FDA Listed materials of construction for food and beverage contact
- Chemical Industry
- General Process Industry

Specification

Dimension & Structure	OD	63.5 mm
	ID	28 / 30 mm
	Length	250mm(10") / 500mm(20") / 750mm(30") / 1,000mm(40")
Materials of Construction	Media	polypropylene micro fiber
	Inner core	Polypropylene
	O-Ring&Gasket	Silicone, EPDM, Viton, TEV & Foamed polyethylene
	Type	DOE / 226 Flat / 222 Flat / 226 Fin / 222 Fin / EO
Operating Conditions	Max. differential pressure	30 psid / 2.1 bar at 60°C
		60 psid / 4.2 bar at 30°C
	Max. operating temperature	PP core 80°C

Pressure Drop (Water Flow Rate) - 10 inch (250mm) Cartridge



Ordering Information

HD				
Code-Size		Code-Micron		Code-Media
210	2.5" x 10"	0005	0.5	001 Polypropylene
220	2.5" x 20"	001	1	
230	2.5" x 30"	003	3	
240	2.5" x 40"	005	5	
		010	10	
		025	25	
		050	50	
		075	75	
		1000	100	
				Code-Core
				A PP

Liquid Particle Removal Ratings

Pore Size (μm)	Media	$\beta = 1000$ 99.90%	$\beta = 100$ 99.00%	$\beta = 10$ 90.00%
0.5	Polypropylene	8	6	4
1	Polypropylene	10	8	5
3	Polypropylene	11.5	9.5	6
5	Polypropylene	14	12	7.5
10	Polypropylene	18	15	8.5
25	Polypropylene	26	19	10
50	Polypropylene	50	39	13
75	Polypropylene	74	42	13.5
100	Polypropylene	95	47	14