

## Max pleated



### Description

The High Capacity Pleated Filter is designed to fit inside existing baskets without hardware changes. It provides higher filter surface area and dirt holding capacity. The inside-out flow holds contaminant within the filter. High Capacity Pleated Filter holds several times than the typical 500 series bag.

### Specification

Micron Rating: Absolute rating 1, 5, 10, 25, 50, 75  $\mu\text{m}$

Material of Construction:

Filter Medium: Pleated Polypropylene depth structure

Support and drainage: Polypropylene

Inner core: Polypropylene

End caps: Polypropylene

Outer Diameter: 152.4mm (6 inches)

Outer Flange Diameter: 184mm (7.24 inches), equal to Size 1/Size 2 Bags

Length: Standard Size 1, Standard Size 2

O-Ring : EPDM(Standard), Viton, Silicone, PFA encapsulated Viton

### Operation Conditions

Maximum operating forward pressure drop: 5.1bar (75 psi) at 25°C (77°F)

Maximum operating temperature: 80°C (176°F)

### Benefits and Features

High surface area, high flow capacity

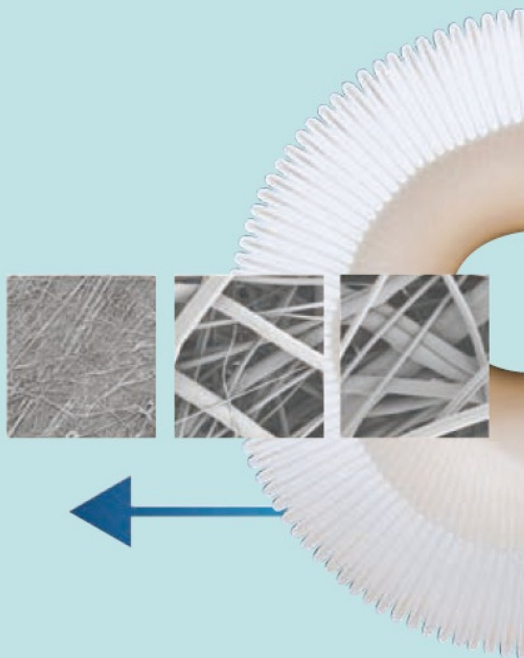
Inside to outside flow configuration all contaminants held within the single ended filter

Shorter in down time easy to change out

Available to fit most Size 1 and Size 2 bag housing with no hardware changes

All polypropylene construction provides wide chemical compatibility

Cartridges are free of surfactants, resins, binder and adhesive



## Applications of product

- RO Pre-Filtration
- Cooling water filtration
- Pre filters or Final filters for waste water
- Food and Beverage filtration
- Oil Filtration

## Performance

### Pressure Drop & Retention Rate

Max Pleated						
Micro Rating (µm)	Efficiency (µm)		Pressure Drop			
	90%	99.98%	(mbar/m3/h) / (psid/gpm)			
			Size #1		Size #2	
C10	0.5	1.2	13.683	0.032	6.267	0.022
C50	2	5	1.817	0.006	2.8	0.008
D10	4.5	10	0.9	0.003	1.033	0.004
D25	16	25	0.6	0.002	0.467	0.002
D50	38	50	<0.3	<0.001	0.3	0.001
D75	65	75	<0.3	<0.001	<0.3	<0.001

\* By ASTM F-795 Test

## Code Principle

MPH	-	C10	-	2	-	E	-	P	-	SN
Product Name	Rating(um)	Length	O-ring	Code Number	Type					
Max Pleated	B20 : 0.2 B45 : 0.45 C10 : 1 C50 : 5 D10 : 10 D20 : 20 D30 : 30 D40 : 40	1 : Size 1 2 : Size 2	E : EPDM S : Silicone V : Viton T : PFA encapsulate viton	P : Plastic flange N : None	S : PP Ribbon T : PET Ribbon X : Cage SN : PP Ribbon+Nets TN : PET Ribbon+Nets N : Nets SP : PP Ribbon+Cage SI : PP Ribbon+Inner Core+Cage					