Filter Cartridge Maxpleat

Filter Cartridge Maxpleat DLHF

The DLHF Series Pleated High flow Filter Cartridge is a new product developed by Dorsan® for applications such as pre RO, cooling water and resin catch filtration.
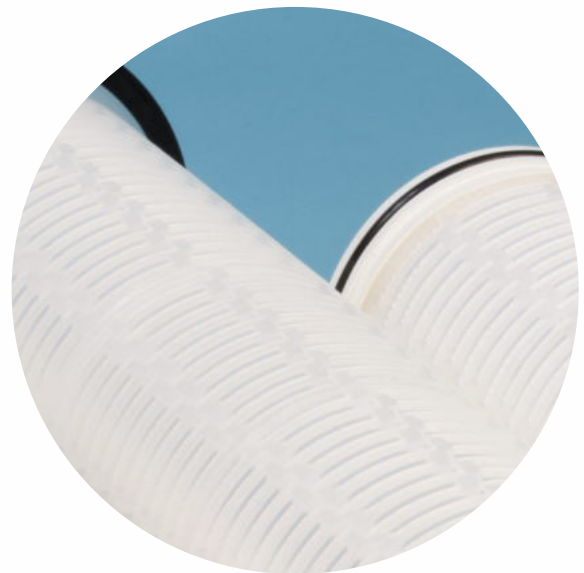
It has a 6 inch/152mm large diameter, and is coreless, single open-ended with an inside to outside flow pattern. The large diameter with big filter area insures to reduce the number of filter cartridges and the dimension of housing required. The long service life and high flow rate result in low investment and less manpower in many applications.

Features

Gradient pore structure
Up to 70 m3/h flow rate per filter cartridge for water filtration
Reduction in about 50% the filter system required
Avalaible in 20, 40 and 60 inches length
Coreless construction

Applications

Prefiltration of RO, Pretreatement of sea water desalination
Condensate water filtration, hot water recovery in power generation
API, solvents and water filtration in BioPharma applications.
Food & Beverages
Microelectronics, film, fiber and resin trap filtration

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Maxpleat Filter Cartridge DLHF specificacions

Series	Rating µm	Media	Length"	Seal materila	Outer Appearance
DLHF	1	PP	20	E = EPDM	B = With Belt
	4,5	GF	40	B = NBR	C = With Cage
	5		60		
	10				
	20				
	40				
	70				
	100				

Dimensions

Outside diameter:
6" (152 mm)

Length:
20"(528 mm), 40" (1.022 mm) y 60" (1.538 mm)

Material of Constructions

Support / Drainage:
Polypropylene (PP), Glass Fiber renforced, PP

End caps:
Glass fiber reinforced Polypropylene

Seal Material:
EPDM, NBR

Removal Rating:
1µm, 4,5µm, 5µm,10µm, 20µm, 40µm, 70µm y 100µm

Maximum conditions of use

Maximum Operating Temperature:
Pleated Glass fiber 121°C, Pleated PP: 82°C

Maximum Differential Pressure:
3.4 bar

Recommended Change out Differential Pressure:
2.4 bar at 20°C

Suggested maximum Flow of water:
20 inch length: 450LPM
40 inch length: 800LPM
60 inch length: 1150LPM

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Note. We reserve the right to change these informations
without any previous notice.

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