

General Description

The DLHF Series Filter Cartridge is a new product developed by Darilly Filtration Equipment Co.Ltd in Hangzhou China. 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.

Applications

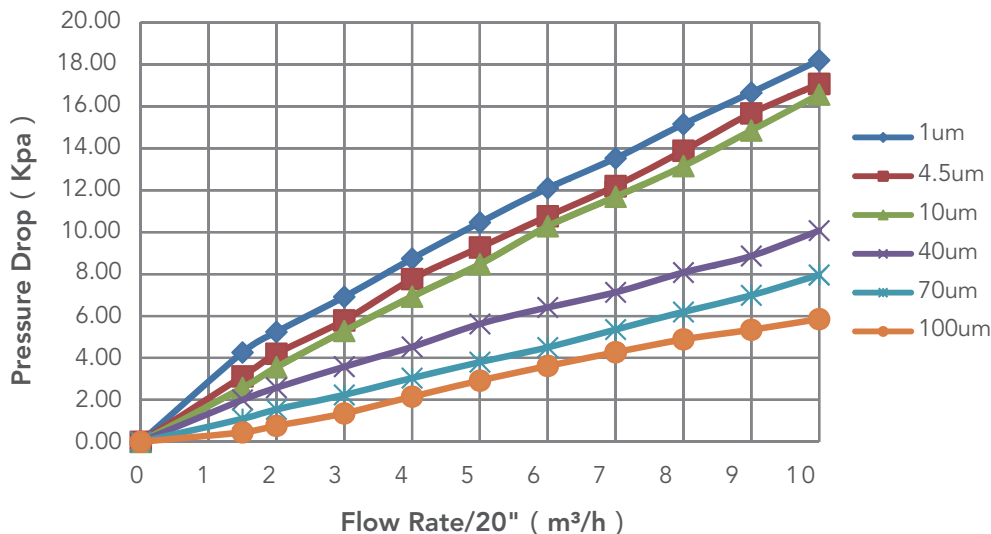
- Prefiltration of RO, Pretreatment of sea water desalination
- Condensate water filtration, hot water recovery in power generation
- API, solvents, and water filtration in BioPharm market
- The filtration of bottled water, high Fructose, edible oil, soft drinks, and milk
- Paints and coatings, Petrochemical, Refineries
- Microelectronics, film, fiber and resin

Features

- Gradient pore structure
- Up to 70m³/h flow rate per filter cartridge for water filtration
- Maximum 50% reduction of filter system
- 20 inch /528mm,40inch/1022mm and 60 inch/1538mm lengths are available
- All contaminants can be removed within the cartridge because of the flow direction



Pressure Drop vs.Flow Rate@20°C



Specifications

Dimensions: Outside diameter: 6 inch(152mm)
 Length: 20 inch(528mm)
 40 inch(1022mm)
 60 inch(1538mm)

Material of Constructions: Filter media: Pleated glass fiber
 Pleated depth Polypropylene (PP)
 PP Melt blown
 Support/Drainage: Polypropylene (PP), Glass Fiber reinforced PP
 End caps : Glass fiber reinforced Polypropylene
 Seal Material :EPDM, NBR

Performance: Removal Rating: 1µm, 4.5µm, 6µm, 10µm, 20µm, 40µm, 70µm, 100µm
 Maximum Operating Temperature: Pleated glass fiber: 121°C; Pleated PP: 82°C; Melt Blown PP: 65°C
 Maximum Differential Pressure: Pleated glass fiber: 3.4 Bar at 121°C
 Pleated PP: 3.4 Bar at 82°C
 Melt Blown: 1.03 Bar at 65°C
 Recommended Change out Differential Pressure: 2.4 Bar at 20°C
 Suggested maximum Flow of water: 20 inch length: 450 LPM
 40 inch length: 800 LPM
 60 inch length: 1150 LPM

Part Numbers/Ordering Information

DLHF Series Filter Cartridge P/N: DLHF--●-*+--※ (e.g., DLHF-20-PP-6-B-C)

