

The Cost Effective Filter for General Applications

Pureline Melt Blown cartridge is a pure Polypropylene depth filter cartridge providing premium features including:

- Triple layered, graded pore structure
- Consistent and high contaminant removal efficiency
- Rigid design structure to suit high pressure build up application
- Excellent chemical compatibility
- Various options of surface finish for users' preference
- Low initial pressure drop to enhance flow
- HALAL Certified



The resolution of the Pureline Melt Blown cartridges are to significantly optimize the users filtration process. With the features of the triple layered, graded pore structure, the users will enjoy the benefits of superior extended life performance and thus, indirectly reduces the frequent change-out of cartridges. This exercise will implicate to a reduction in the filtration cost and optimize the process with the usage of the Pureline Melt Blown cartridges cartridge.

The benefits of the Pureline Melt Blown cartridges will provide process users with the below:

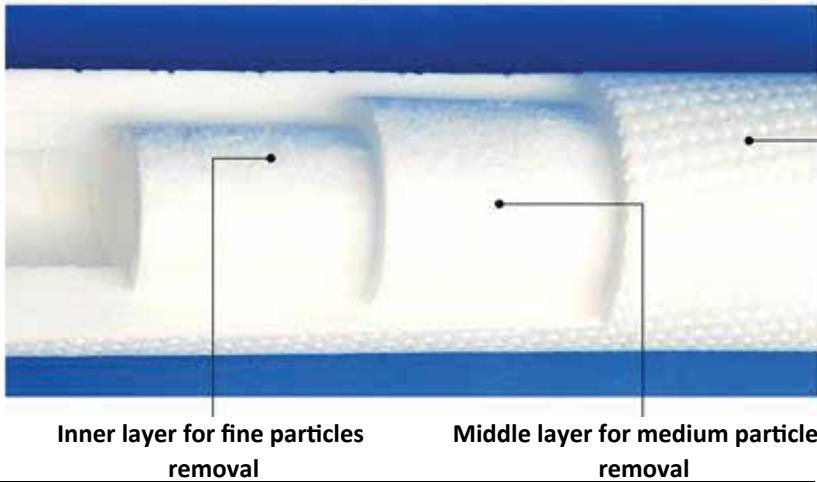
- Superior service life, resulting in fewer cartridges change out.
- Ensure consistent effluent cleanliness throughout filter service life.
- Generally applicable for most process



Pureline Melt Blown cartridges Applications:

ELECTRONICS		GENERAL INDUSTRIAL	
⇒ Pre-RO	⇒ Aqueous Cleaning	⇒ Process Cooling Water	⇒ De-Salination
⇒ CMP Slurries	⇒ Electronics Plating	⇒ Pulp & Paper	⇒ Plating
⇒ Printed Circuit Boards		⇒ Parts Washing	
FOOD & BEVERAGES		PHARMACEUTICAL	
⇒ Bottled Water	⇒ Juices & Flavors	⇒ Rinse Water	⇒ Active Ingredients
⇒ Soft Drink	⇒ Blending Water	⇒ Pre-RO	⇒ Opthalmics
⇒ Beer & Winery	⇒ Beverage Filling	⇒ Fermentation Feeds	⇒ Bulk Chemicals
COATINGS		OIL & GAS	
⇒ Inks	⇒ Resins	⇒ Amine & Glycol	⇒ Petro-Chemicals
⇒ Solvents		⇒ Process Cooling Water	
⇒ Trade Paints		⇒ Pre-filtration for Waterflood	
CHEMICALS		COSMETICS	
⇒ Fine Chemicals	⇒ Pesticides	⇒ Toiletries	⇒ Make-up Water
⇒ Solvents	⇒ Vinyl Chloride	⇒ Shampoo	⇒ Perfumes & Colognes
⇒ Bulk Chemicals		⇒ Mouthwash	⇒ Cream & Lotions

The Triple Layered, Graded Pore Structure

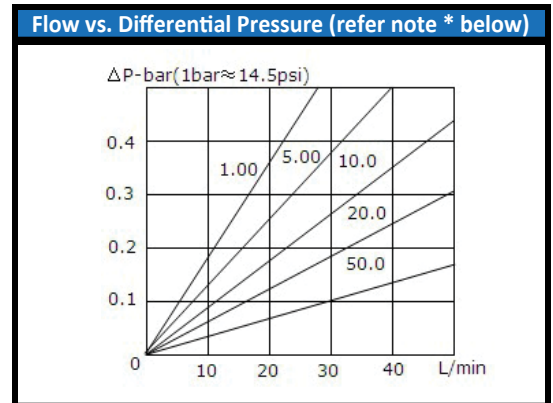


Inner layer fiber construction



Outer layer fiber construction

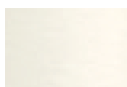
MicroPure Classic Series Filter Specifications	
Construction	
Filter Media	All Polypropylene Media
Operating Conditions	
Maximum Operating Temperature	82°C / 180°F
Maximum Differential Pressure (ΔP)	4.1 bar @ 30°C / 60 psid @ 85°F
	3.4 bar @ 50°C / 50 psid @ 120°F
	2.0 bar @ 70°C / 30 psid @ 160°F
	1.0 bar @ 82°C / 15 psid @ 180°F
Cartridge Dimensions	
Outside Diameter (nominal)	2.5" / 64mm
Inside Diameter (nominal)	1.1" / 28mm
Length (nominal)	10" - 70" / 254mm - 1,778mm
Appearance	
Surface Finish Condition	Smooth, Micro-Grooved



* Flow rate is for a 10" (254mm) cartridge.

* For liquids other than water, multiply differential pressure by fluid viscosity (cP)

Surface Finish Condition



Smooth



Micro-Grooved

Pureline Melt Blown Filter Cartridge Ordering Guide

Type	Length	Removal Grade	End Configuration	O-Ring	Surface
FC - Cartridge	10 - 10"	01 - 1 μ m	D - DOE	O - None	S - Smooth
	20 - 20"	05 - 5 μ m	F2 - Flat Cap / 222	N - Nitrile	G - Micro-Grooved
	30 - 30"	10 - 10 μ m	S2 - Fin End / 222	E - EPDM	
	40 - 40"	250 - 25 μ m	F6 - Flat Cap / 226	S - Silicone	
		500 - 50 μ m	S6 - Fin End / 226	V - Viton	

* Eg. FC100100DOS - 10"L, 1 μ m, DOE, Smooth Surfaced