

DEPTH FILTRATION

Melt-blown PP filters

Polypropylene depth filtration for water treatment and membrane pretreatment.



Product family illustration. Final configuration may vary.

Designed around your application

Heat-formed polypropylene fibres create a three-layer filtration structure. Select the grade, dimensions and core configuration for your process.

Typical applications

RO and UF pretreatment · Process water · Food & beverage · Chemical water treatment

SPECIFICATION

Product construction

Parameter	Published specification
Filter medium	Polypropylene
Structure	Three layers of heat-formed PP fibres
Temperature conditions	Below 60°C at ΔP 0.03 MPa Below 90°C at ΔP 0.02 MPa
Hot-water sterilising	70°C for 30 minutes
Published pH range	1–13
Core options	Without core or with core
Surface options	Flat, orange, embossing or point (source terminology)

Selection matters

Confirm the liquid, operating temperature, pressure, micron rating and housing connection before ordering. Chemical compatibility and suitability depend on the selected configuration.

The original technical reference is retained at the end of this catalogue. Model-specific limits and source ambiguities must be confirmed with PureLife before specification.

CONFIGURATION

Specify your cartridge

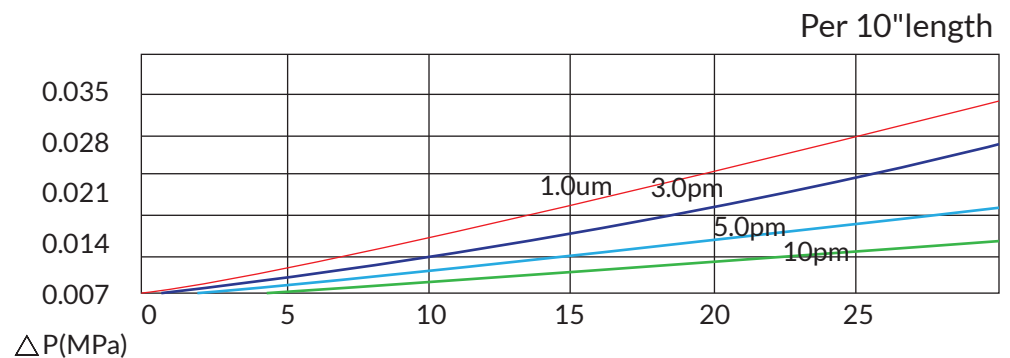
Code field	Available options from the source
Micron code	01: 1 · 05: 5 · 10: 10 · 20: 20 · 30: 30 · 50: 50 µm
Length code	05: 127 ±1.5 mm 10M: 250 ±1.5 mm · 10I: 254 ±1.5 mm 20M: 500 ±1.5 mm · 20I: 508 ±1.5 mm 30M: 750 ±2 mm · 30I: 762 ±2 mm 40M: 1000 ±2 mm · 40I: 1016 ±2 mm 50I: 1270 mm · 70I: 1778 mm
Outside diameter code	A: 45 mm · B: 55 mm 25: 2.5 in (63.5 mm) · 45: 4.5 in (115 mm)
Inside diameter code	1: 28 mm · 2: 30 mm · 3: 20 mm
Core code	N: no core · W: with core
Surface code	F: flat · O: orange · E: embossing · P: point

Example: CMB-01-10M-25-1-N-F

Send your required micron rating, length, diameter, core, operating conditions and quantity to our technical team.

Sales@purelife-filters.com / purelife-filters.com

Item	Specification
Temperature	<60°C,(ΔP : 0.03MPa)
	<90°C,(ΔP : 0.02MPa)
Flow Rate	0.05-0.09 m2 per 10 inch
(60°C) AP(MAX)	O.IMPa/O.IMPa inpouring
	0.06MPa/0.06MPa outpouring
Hot-Water Sterilizing	70°C/30min
PH	1-13



PRODUCTS CODE TABLE

Item	Precision	Length	OD	ID	Inner Core	Surface	Code Eg.
CMB	01:1um	05:127±1.5mm	A:45mm	1:28mm	N:no core	F:flat	CMB -01-10M-25-1-N-F
	05:5um	10M:250±1.5mm	B:55mm	2:30mm	W:with core	O:orange	
	10:10um	10I:10"(254±1.5mm)	25:2.5"(63.5mm)	3:20mm		E:embossing	
	20:20um	20M:500±1.5mm	45:4.5"(115mm)			P:point	
	30:30um	20I:20"(508±1.5mm)					
	50:50um	30M:750±2mm					
		30I:30"(762±2mm)					
		40M:1000±2mm					
		40I:40"(1016±2mm)					
		50I:50"(1270mm)					
		70I:70"(1778mm)					

