

PRODUCT OVERVIEW

CMB

Melt-blown polypropylene cartridges



Product-family illustration. Final configuration varies by model.

APPLICATION-LED SELECTION

Heat-formed polypropylene fibres provide a depth-filter medium. Select the filtration grade, dimensions, core and surface to suit the liquid and housing.

CONSTRUCTION

Configure the depth medium

Review the complete cartridge construction for your application.

Parameter	Configuration
Filter medium	Polypropylene
Structure	Three layers of heat-formed PP fibres
Micron codes	01: 1 / 05: 5 / 10: 10 / 20: 20 / 30: 30 / 50: 50 µm
Core options	N: no core / W: with core
Surface codes	F: flat / O: orange / E: embossing / P: point
Compatibility	Confirm fluid chemistry, temperature and pressure for the selected model.

DIMENSIONS

Length and diameter options

Parameter	Configuration
05	127 ±1.5 mm
10M / 10I	250 ±1.5 mm / 254 ±1.5 mm
20M / 20I	500 ±1.5 mm / 508 ±1.5 mm
30M / 30I	750 ±2 mm / 762 ±2 mm
40M / 40I	1000 ±2 mm / 1016 ±2 mm
50I / 70I	1270 mm / 1778 mm
Outside diameter	A: 45 mm / B: 55 mm / 25: 63.5 mm / 45: 115 mm
Inside diameter	1: 28 mm / 2: 30 mm / 3: 20 mm

ORDERING & OPERATING BASIS

Specify the complete configuration

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

Parameter	Configuration
Example configuration	1 µm, 250 mm length, 63.5 mm OD, 28 mm ID, no core, flat surface.
Published thermal 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, subject to model confirmation.
Published pH range	1-13; verify compatibility for the actual liquid and exposure conditions.
Final selection	Confirm dimensions, retention requirement and pressure limits before ordering.

Published conditions do not establish one universal duty limit for every CMB configuration. The technical offer governs the selected model.

TECHNICAL ENQUIRY

Your process. Your specification.

Share the following information for selection and quotation.

Parameter	Configuration
Application	Liquid or gas, process stage and contaminant to remove
Performance target	Flow rate, filtration rating and required outlet quality
Operating conditions	Pressure, temperature and allowable differential pressure
Installation interface	Cartridge dimensions, connections and service clearance
Materials and documents	Medium, seals, compatibility and project documentation
Supply requirement	Quantity, delivery destination and required schedule

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