CMPRO-M SERIES POLYPROPYLENE DEPTH FILTER FOR BULK CMP FILTRATION

Membrane Solutions CMPro-M series depth filters are specially designed for bulk slurry filtration for SDS(slurry delivery system). Manufactured by composite structure polypropylene media with a unique graded-density design that enables it to address CMP filtration challenges. By tapered pores, CMPro-M accomplishes a great balance between excellent retention efficiency of agglomerates and high contaminant capacity. It can effectively remove only disruptive particles from the CMP slurry and the particle size distribution(PSD) of the valid slurry particles does not changed after filtration. CMPro-M can meet various CMP applications in different situations, including Oxide CMP, STI CMP and Metal CMP.

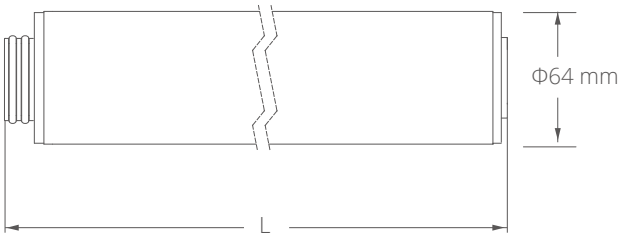


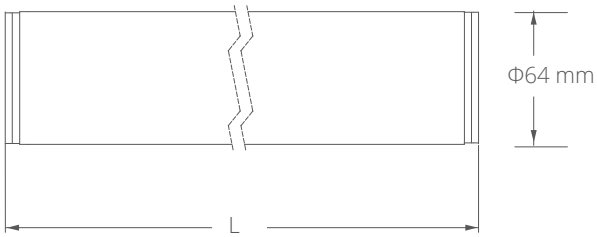
- Graded filter structure ensures high filtration efficiency.
- Steep efficiency curves can significantly improve the filtration rate of oversized particles while minimizing the filtration of valid particles.
- Optimized Life Time and lower cost.
- Low extractables due to free of surfactants and binders.

SPECIFICATIONS

Materials	Filter Layers/Support	Polypropylene
	Core/End Cap	Polypropylene
	O-ring	
Removal Rating	3.0μm, 5.0μm, 7.0μm, 9.0μm, 11.0μm	
Dimensions	Outer Diameter	64mm
	Lengths	10inch, 20inch
Max. Operating Conditions	Max. Forward Differential Pressure	0.52 MPa (75 psi) @ 25 ˚C (77 ˚F) 0.19 MPa (27 psi) @ 82 ˚C (179 ˚F)
	Max. Reverse Differential Pressure	0.21 MPa (30 psi) @ 25 ˚C (77 ˚F)
	Max. Operating Temperature	80 ˚C (176 ˚F)

DIMENSIONS





Code N Filters

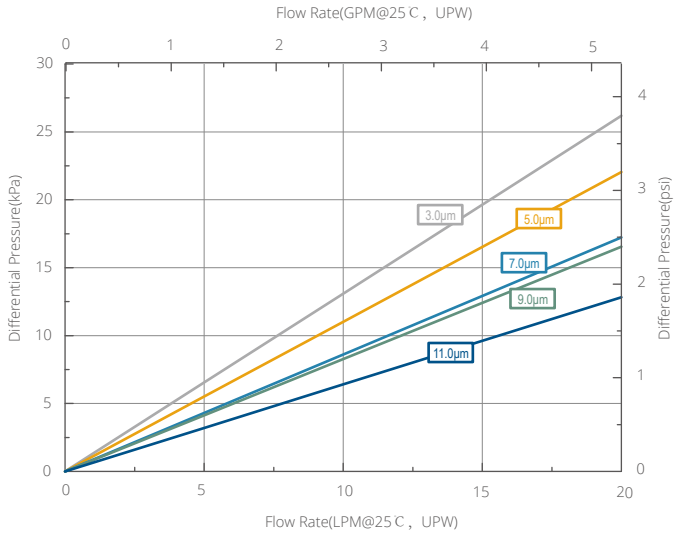
Nominal Size	L
10″	264±1mm
20″	512±1mm

Code F Filters

Nominal Size	L
10″	254±2mm
20″	508±2mm

FLOW RATE VS. DIFFERENTIAL PRESSURE PERFORMANCE

CMPro-M 10" Cartridge Filters



ORDERING INFORMATION

CMPM

