



# MBS SERIES MELT-BLOWN CARTRIDGES

Used as:

- a) Pre-Filter
- b) Final Filter



## MBS SERIES FILTERS

MBS filters are an all polypropylene depth filter cartridge produce by the latest melt- blown technology. By controlling microfiber diameter variations, it yields a graded pore media structure. Graded pore structure effect is to stop large particles on the outer portion of the cartridge while smaller particles become trapped as they process through the declining tortuous path in the cartridge.

## APPLICATIONS

- Industrial
- Chemical process
- Food/beverages
- Water

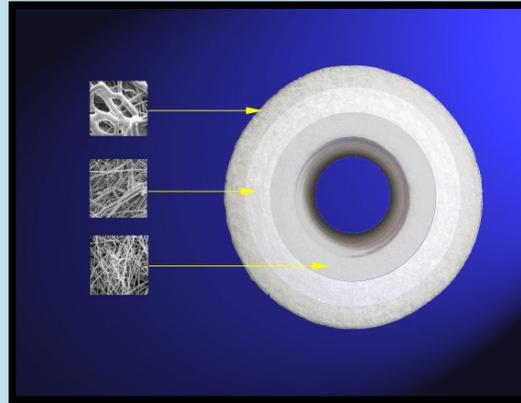
## ADVANTAGES

- Fiber migration free surface treatment
- High integrated strength, no support core required
- High flowrate, low pressure drop
- Large contaminant retention, extended service life
- Broad chemical compatibility
- Economically priced

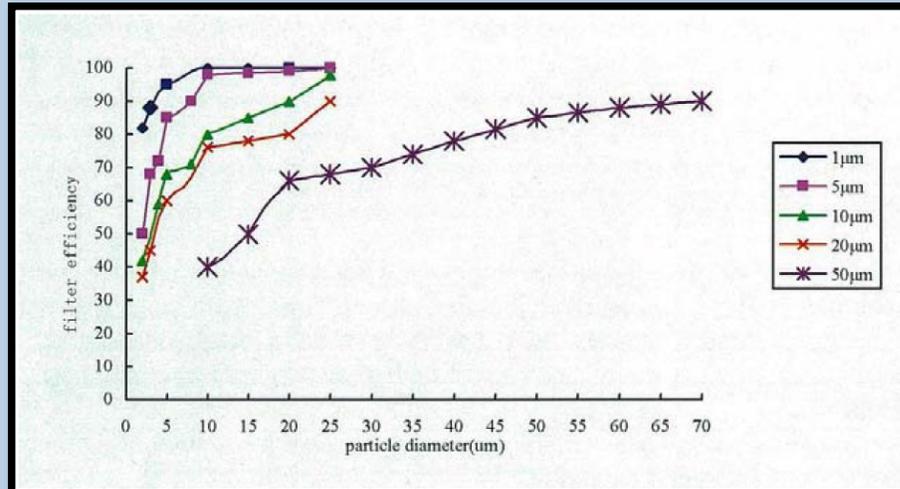
## The Section of PP filter cartridge

Coarse outer layer provides enough dirty- absorbent space, reduces filter resistance and provides enough structure rigidity.

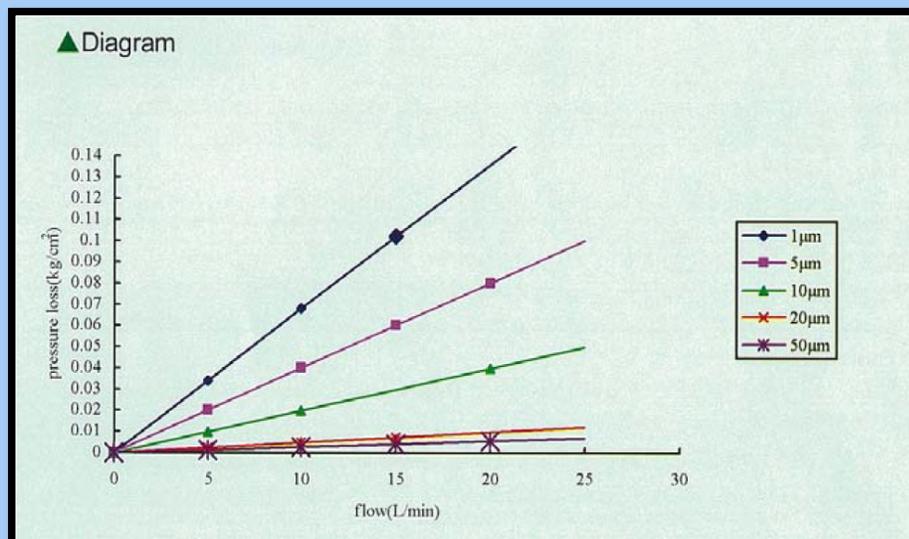
Fine inner layer intercepts small particles assuring the filter precision.



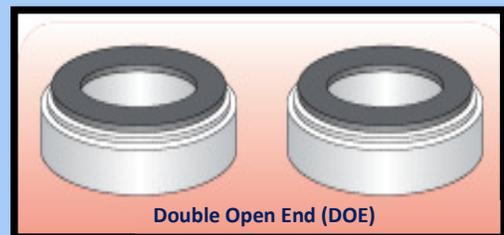
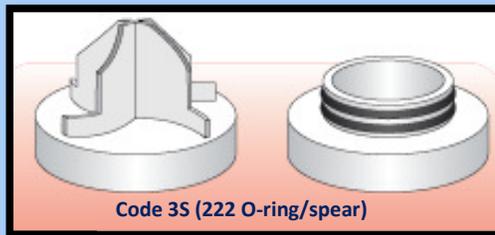
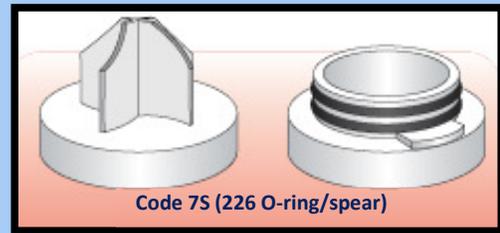
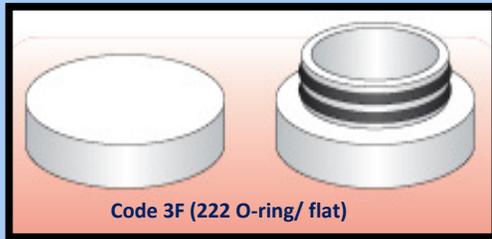
## The Filter Efficiency Diagram



## The Pressure Loss Diagram



## End Cap Configuration



## Ordering Information

Cartridge Model	Length	-	Micron Rating	End cap style	Gasket/ O-Ring Material
MBS	4.8=5" (125mm) 10=10" (250mm) 20=20" (508mm) 30=30" (762mm) 40=40" (1016mm)		0.5, 1, 5, 10, 25, 50 & 100  BB – Big Diameter (4.5" O/D)	DOE = No symbol 222 O-Ring/Flat = 3 222 O-Ring/Spear = 8 226 O-Ring/Spear = 7	Buna N = B Silicone = S Viton = V
Example: MBS10-005, 5 micron, 10" length					



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