



Depth-type, fine filter rating cartridge filter

BM FILTER®



Construction :

BM filter is constructed using 100% ultra fine polypropylene fiber developed solely by having continuously finer fibers from outside to inside and thermobonded where the fibers come into contact with each other.

Thus, the stable pores are formed and an ideal fiber density gradient is obtained.



Features & Benefits :

Fine filter rating

Fine pore structure by ultra fine fiber

Long service life

Depth filtration by large continuous density gradient

High flow rate - Low differential pressure

Simple structure using consisting of only fiber

Withstand high differential pressure

Three-dimensionally thermobonded structure

Very stable pore size and free of media migration

Firm bonding where the fibers come into contact with each other

Non-toxic and excellent chemical compatibility

FDA complied polypropylene fiber

BM FILTER

Product specifications

Product range

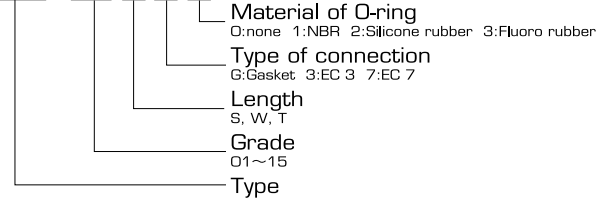
Grade	01	03	07	10	15
Absolute filter rating (μm)	1	3	7	10	15

Size

	Gasket Type	O-ring type		
		EC 3	EC 7	
Outside diameter	67mm	70mm		
Inside diameter	29mm	25mm		
Length	S	250mm	282mm	319mm
	W	500mm	532mm	568mm
	T	750mm	777mm	814mm

Product coding

BM - 01 S G O

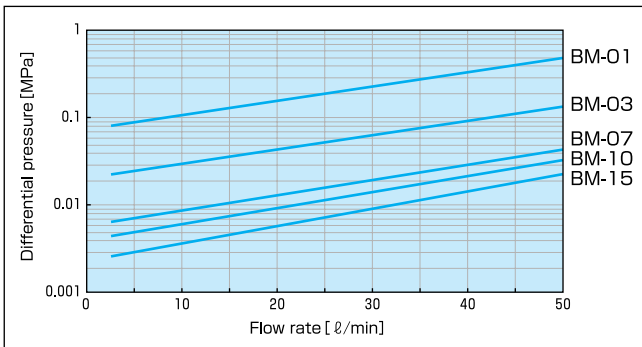


Sales unit [Gasket Type]

Length	Pieces per unit
S [250mm]	50
W [500mm]	25
T [750mm]	20

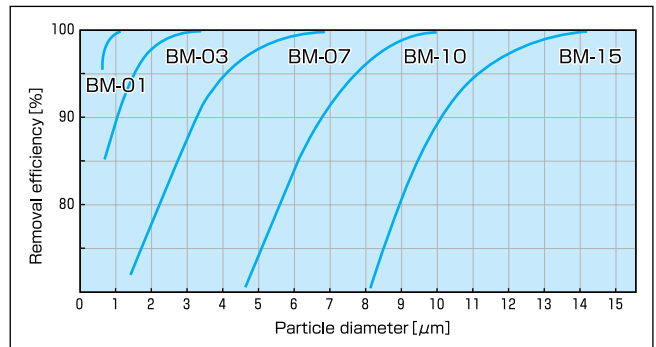
* Please ask us concerning O-ring type

Flow rate-differential pressure [250mm length element]



* 1MPa=10kgf/cm²

Initial particle removal efficiency



Chemical compatibility

	Chemicals	Compatibility
Acids	Acetic Acid	○
	Hydrochloric Acid 10%	○
	Nitric Acid 10%	○
	Sulfuric Acid 30%	○
Alkalis	Ammonium Hydroxide 10%	○
	Sodium Hydroxide 60%	○
Alcohols	Methanol	○
	Ethanol	○
	Isopropanol	○
Ester	Ethyl Acetate	○
Ketones	Acetone	○
	Methyl Ethyl Keton	○

Note :

- This table shows compatibility at room temperature.
- For further details, please ask us.
- Chemical compatibility varies depending on temperature, pressure and time. Users should verify chemical compatibility based upon experimentation with a specific filter under actual use conditions.

Typical field of application

- Food Industry** : Beer, SAKE, SHOUCHU, Amino acid, Drinking water, Corn syrup, Juices, Edible oils etc.
- Electronic Industry** : Cleaning water for IC-base, Etching solutions, Liquid crystals, Magnetic media, Photoresists, Ceramics etc.
- Water Treatment** : Cleaning water, Prefilter for ultra pure water etc.
- Pharmaceuticals** : Dialyzer, Drinking water, Cosmetics, Flavors etc.
- Chemical Industry** : Resins, Adhesives, Catalysts, Solvents, Surfactants etc.
- Others** : Gases, Compressed air, Lubrication oils, Heat-sensitive colors, Dyes etc.

* Please be advised that the data on this sheet may be different from the ones which are got in actual use, as they are based on our own test methods

Contact details



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