

RealMax® RMMB Spunbond Filter Cartridge

RealMax®RMMB Spunbond Filter Cartridge are made from glue free thermally bonded fibers of polypropylene. It doesn't include any chemical adhesives. Fiber forms a structure of three-dimensional micro-aperture after random bonding in vacuum as a unit of surface, interior and coarse filter. The fiber can have excellent filtration and dirt holding capacity.

With little pressure difference, outside sparse and inside dense apertures and high dirt holding capacity, it can effectively remove the suspended solids, particles, rust and other impurities in the liquid, which leads to a longer lifetime.



Features & Benefits

- Exceptional dirt-holding capacity
- 100% pure polypropylene
- Chemically compatible in most applications
- No lubricants or anti-static additives
- Consistent filtration over the life of the cartridges
- End caps thermally bonded to cartridges
- Several lengths and endcap configurations
- End caps provide a positive seal to prevent bypass
- Safe&Environmental, easy disposal
- Materials comply with FDA standard

Application

- Pre-filter for RO Systems
- Industrial/Chemical soda acid liquid filtration
- Drinking water filtration
- Pharmaceuticals
- Industrial water & Electro plating solution filtration
- Imaging solution & Ink filtration
- Pre-filtration of sterile water or ultrapure water
- Chemical material/ organic solvent filtration

Specification

Specification	
Micron Rating (Nominal)	0.5, 1, 3, 5, 10, 20, 30, 40, 50, 75µm
Diameter	
Outside Diameter	2.5inch / 64mm
Inner Diameter	1inch / 25.4mm
Length	10, 20, 30, 40, 50inch
Operating Conditions	
Maximum Pressure	72psid@70° F / 5.0bar@21° C
Maximum temperature	180° F / 82° C
Recommended changeout differential pressure	14psid@70° F / 1.0bar@21° C

Ordering Information

RMMB	—	P		050	—	40	—	1		1		E		P
↓		↓		↓		↓		↓		↓		↓		↓
Cartridge		Media		Removal Rating		Elements Length		End-cap Type		Connection Type		O-ring Material		Core Material
Designation		P=Polypropylene C=Cellulose		005=0.5µm 010=1µm 030=3µm 050=5µm 100=10µm 200=20µm 300=30µm 400=40µm 500=50µm 750=75µm		10=10inch 20=20inch 30=30inch 40=40inch 50=50inch		1=flat 2=fin		1=flat 2=222 6=226		V=Fluororubber S=Silicon rubber E=EPDM N=Buna-N rubber Empty-No Sealing Material		Empty=Coreless P=Polypropylene