

RealMax® RMNP Pleated Filter Cartridge

RealMax® RMNP Pleated Filter Cartridge provides reliable and consistent performance in a wide range of applications . It is manufactured by using a precise pleating technologies, which maximize the use of internal cartridge surface area. The unique construction improved the dirt-holding capacity , delivers true depth filtration for optimal cartridge life.

It is pleated by multiple layers. The cartridge shell, center core and end caps are made of polypropylene materials. Each sealing part uses the heat welding technology, which does not contain any adhesive and with good sealing performance, no leakage, no pollution.



Features & Benefits

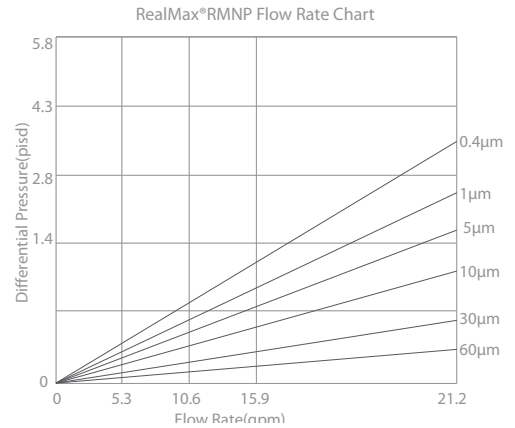
- Expanded surface area design provides superior flow rate and high dirt holding capacity
- Small pressure differential pressure, long service life
- High filtration for a wide range of applications
- All-polypropylene media and construction meet a broad range of performance requirements
- Excellent compatibilities with a variety of fluids, high temperature resistance, impact resistance, corrosion resistance
- High flow rate permits fewer cartridges and less costs.
- Longer cartridge service life reduces frequency of filter change out
- Environmental friendly, easy disposal.

Application

- Process Water
- Chemical
- Food and Beverage
- Electronic
- Ink
- Magnetic Media
- Medical & Pharmaceutical
- Imaging Solution

Specification

Specification	
Micron Rating (Nominal)	0.45, 1, 2, 3, 5, 10, 30, 70µm
Diameter	
Outside Diameter	2.5inch / 64mm
Inner Diameter	1inch / 25.4mm
Length	10, 20, 30, 40,50inch
Operating Conditions	
Maximum differential pressure	60psid@77° F / 4.2bar@25° C
Maximum working temperature	180° F / 82° C
Recommended Replacement Differential Pressure	30psid@77° F / 2.1bar@25° C



Ordering Information

RMNP	—	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		0045=0.45µm		10inch		1=flat		1=flat		E=EPDM		P=Polypropylene
				010=1.0µm		20inch		2=fin		2=222		N=Buna-N rubber		
				020=2.0µm		30inch				6=226		S=Silicon rubber		
				030=3.0µm		40inch						V=Fluororubber		
				050=5.0µm		50inch								
				100=10µm										
				300=30µm										
				700=70µm										