

RealMax® RMAP Pleated Filter Cartridge

RealMax® RMAP Pleated Filter Cartridge provides reliable and consistent performance in a wide range of applications. It is manufactured by using a precise pleating techniques, 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

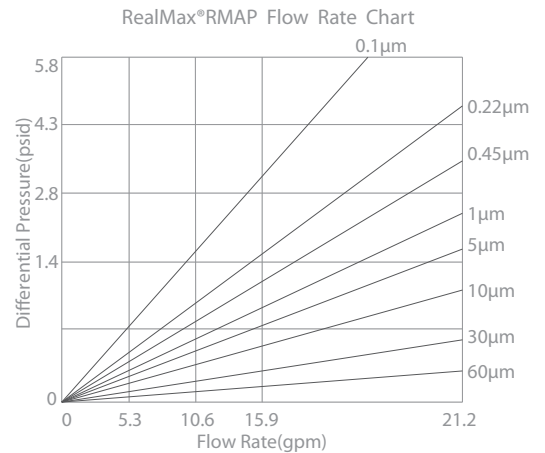
- High surface area design provides superior flow rate and long service life
- Low pressure drop effectively reduces the system energy consumption
- High dirt holding capacity secures the filter cartridge's service life
- Absolute removal rating secures efficiency
- Fixed pore removal construction provides ultimate particle retention efficiency
- All-polypropylene media and construction meet a broad range of performance requirements
- FDA-approved polypropylene
- 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
- No fiber drop, 100% integral testing.

Application

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

Specification

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Micron Rating (Absolute)	0.1, 0.22, 0.45, 1, 2, 3, 5, 10, 30, 60µm
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 change out differential pressure	30psid@77° F / 2.1bar@25° C



Ordering Information

RMAP	—	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		001=0.1µm		10=10inch		1=flat		1=flat		E=EPDM		P=Polypropylene
				002=0.2µm		20=20inch		2=fin		2=222		N=Buna-N rubber		
				0045=0.45µm		30=30inch				6=226		S=Silicon rubber		
				010=1.0µm		40=40inch						V=Fluororubber		
				020=2.0µm		50=50inch								
				030=3.0µm										
				050=5.0µm										
				100=10µm										
				300=30µm										
				600=60µm										