



## M7000 High Flow Pleated Filter Cartridges

M7000 High Flow Pleated Filter Cartridges are constructed by 2 styles of filter media which are thermally bound PP and pleated microfiber PP, providing high particle retention efficiency while remaining low pressure drop. With advantages of great surface area and extended service life, fewer change outs are required. M7000 filter cartridges are particularly recommended for processes demanding high purity and big flow capacity.

- Ⓞ **High dirt loading capacity for long service life and superior retention efficiency.**
- Ⓞ **Require fewer change outs and less maintenance.**
- Ⓞ **Broad chemical compatibility is ideal for chemical applications requiring high purity.**
- Ⓞ **Convenient handle for easy manual and installation. No loose parts to assemble thus less labor costs.**
- Ⓞ **Free of binders, additives and lubricants.**

### Applications

Pre RO/DI, Cooling Water, Chemicals, Petrochemical, Electronics, Food & Beverage, Petrochemical

### Specifications

Filter Media	Polypropylene
Micron Rating	1, 3, 5, 10, 20, 30, 40, 70 $\mu\text{m}$
Gasket/O-ring	Silicone, EPDM, Viton, Teflon encapsulated Viton
Core	Polypropylene
Filter Support	Polypropylene
End Cap	Polypropylene
Cage	Polypropylene
Inside Diameter	1.6"(40mm)
Outside Diameter	6.5"(165mm)

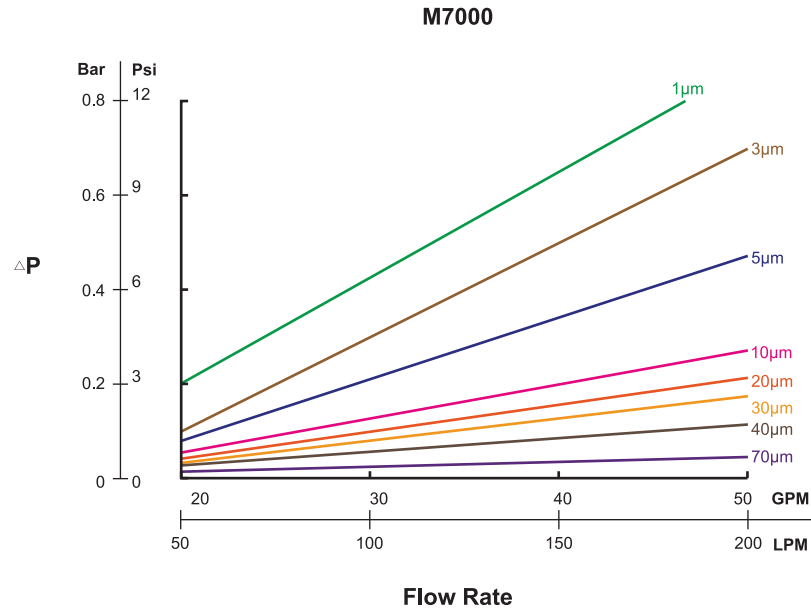
### Operation Data

Maximum Operating Temperature : 70°C (160°F)  
 Maximum Differential Pressure : 3.4 bar at 20°C (50 psi at 68°F)  
 Recommended Change Out Differential Pressure : 2.4 bar (35 psi)

For more information:

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## Ordering Information

GD PP Fiber Pleated Cartridge Type					
Type	Series	Micron Rating	Filter Media	Nominal Length (inch)	O-ring Option
<b>GD</b> Pleated Membrane Filter Cartridge	<b>M7 - M7000</b> Series	<b>1</b> – 1 μm	<b>P</b> -Polypropylene	<b>40 - 40"</b>	<b>S</b> -Silicone <b>E</b> -EPDM <b>V</b> -Viton <b>W</b> -Teflon encapsulated Viton
		<b>3</b> – 3 μm			
		<b>5</b> – 5 μm			
		<b>10</b> – 10 μm			
		<b>20</b> – 20 μm			
		<b>30</b> – 30 μm			
		<b>40</b> – 40 μm			
<b>70</b> – 70 μm					
<b>GD</b> Pleated Membrane Filter Cartridge	<b>M7</b> M7000 Series	<b>5</b> 5μm	<b>P</b> Polypropylene	<b>40</b> 40"	<b>V</b> Viton O-ring

PB Melt Blown Filter Cartridge Type					
Type	Series	Micron Rating	Filter Media	Nominal Length (inch)	O-ring Option
<b>PB</b> Melt Blown Filter Cartridge	<b>M7 - M7000</b> Series	<b>1</b> – 1 μm	<b>P</b> -Polypropylene	<b>40 - 40"</b>	<b>S</b> -Silicone <b>E</b> -EPDM <b>V</b> -Viton <b>W</b> -Teflon encapsulated Viton
		<b>3</b> – 3 μm			
		<b>5</b> – 5 μm			
		<b>10</b> – 10 μm			
		<b>20</b> – 20 μm			
		<b>30</b> – 30 μm			
		<b>40</b> – 40 μm			
<b>70</b> – 70 μm					
<b>PB</b> Melt Blown Filter Cartridge	<b>M7</b> M7000 Series	<b>5</b> 5μm	<b>P</b> Polypropylene	<b>40</b> 40"	<b>E</b> EPDM O-ring

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