

# 7000 Series Filter Cartridge

## Features

- ◇ Up to 99% absolute efficiency of 0.5~100 Micron
- ◇ High efficiency, high volume
- ◇ High loading capacity  $\geq 18\text{kg/pc}(40'')$
- ◇ Radial pleated construction provides high flow area with high filtration efficiency
- ◇ 100% polypropylene melt-blown microfibers with broad applications
- ◇ High-strength polypropylene support
- ◇ NSF42 certificated and FDA compliant
- ◇ Manufactured in cleanroom



## Applications

- ◇ Glass Cutting
- ◇ Amines
- ◇ Acids and bases
- ◇ Chemicals
- ◇ Beer and Wine
- ◇ RO membranes Pre-filter
- ◇ Water Treatment
- ◇ Carbon Beds
- ◇ Machine Coolants
- ◇ Organic Solvents
- ◇ Photo Chemicals
- ◇ Plating Solutions

## Filtration Efficiency

um Item	Filtration Efficiency(%)									
	0.5	01	02	05	10	15	25	40	70	100
0A	>99.98	>99.98	>99.98	>99.98	>99.98	>99.98	>99.98	>99.98	>99.98	>99.98
1	95.85	>99.98	>99.98	>99.98	>99.98	>99.98	>99.98	>99.98	>99.98	>99.98
2	80.23	95.53	>99.98	>99.98	>99.98	>99.98	>99.98	>99.98	>99.98	>99.98
5	-----	79.56	95.21	>99.98	>99.98	>99.98	>99.98	>99.98	>99.98	>99.98
10	-----	-----	81.94	95.44	>99.98	>99.98	>99.98	>99.98	>99.98	>99.98
15	-----	-----	-----	89.15	95.44	>99.98	>99.98	>99.98	>99.98	>99.98
25	-----	-----	-----	-----	74.33	95.93	>99.98	>99.98	>99.98	>99.98
40	-----	-----	-----	-----	-----	74.50	95.93	>99.98	>99.98	>99.98
70	-----	-----	-----	-----	-----	-----	75.56	95.99	>99.98	>99.98
100	-----	-----	-----	-----	-----	-----	-----	75.49	95.98	>99.98

## Operating Conditions

- ⊙ Max. operating pressure:  
30°C : 3.5kg/ cm<sup>2</sup>
- ⊙ Recommended change-out differential pressure:  
2.5 kg/ cm<sup>2</sup>
- ⊙ Max. operating temperature:  
80°C /176°F

## Specifications

<b>Material</b>	100% polypropylene melt-blown micro fiber / Polyester
<b>Micron Rating</b>	0.5, 1, 2, 5, 10, 25, 40, 50,70, 100 and other micron
<b>Length</b>	10", 20", 30", 40" and 60" *Customized Length (mm)
<b>ID/OD</b>	40mm / 165mm ( 226 Flat )

## Product Code

**7** — **4** — **05** — **6** — **E** — **H** — **B**

<p><b>Length</b></p> <p>1 : 10" 2 : 20" 3 : 30" 4 : 40" 6 : 60"</p> <p>*Customized Length (mm)</p>	<p><b>Micron Rate</b></p> <p>0A : 0.5 micron 01 : 1 micron 02 : 2 micron 05 : 5 micron 10 : 10 micron 15 : 15 micron 25 : 25 micron 40 : 40 micron 50 : 50 micron 70 : 70 micron 75 : 75 micron 100: 100 micron</p>	<p><b>Ending Cap</b></p> <p>Blank : 226 Flat</p>	<p><b>Gasket</b></p> <p>Blank : EPDM N : Buna N S : Silicone V : Viton T : Teflon Encapsulated Viton</p>	<p><b>Material</b></p> <p>Blank : PP H : Polyester</p>	<p><b>Filter Media</b></p> <p>Blank : Standard B : Absolute Rate KF: Economic</p>
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