

## MS<sup>®</sup> Prefilter Cartridges



Membrane Solutions

Membrane Solutions offer wide range of cartridges. Wound Cartridges, Meltblown Cartridges, Big Blue Cartridges, Standard Cartridges, Activated Carbon Cartridges, Swimming Pool Cartridges. MS<sup>®</sup> Cartridge filters are simply quality filters, well packaged, and offered at a fair and competitive price. These cartridges are widely used in industrial prefiltration process.

**Wound Cartridge Filter**---Most widely used in food, chemical, electronic industries

**Meltblown Cartridge Filter**—Ideal for solvent filtration in PCB industry

**Big Blue Cartridge Filter**—Excellent in sediment filtration for drinking and industrial used water

**Standard Cartridge Filter**--- Designed for general water filtration purposes

**Activated Carbon / Carbon Impregnated Cellulose Cartridge Filter**--- Professional in reducing chlorine bad taste and odors

**Swimming Pool Cartridge Filter** ---- Designed for clarification in Swimming Pool

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## MS Prefilter Cartridge Filter Features and Application

### Wound Cartridge Filter---Most widely used in food, chemical, electronic industries

<p><b>Product Features:</b></p> <ul style="list-style-type: none"> <li>● Exceptionally high structural strength</li> <li>● Fits all standard housings</li> <li>● Low pressure drop, high dirt holding capacity and long service life</li> <li>● Loose outer layer and tight inner layer assures effective depth filtration</li> <li>● Various filter media and cores fit a wide range of applications</li> </ul>	<p><b>Application:</b></p> <ul style="list-style-type: none"> <li>● Electronic industry: pre-filter for ultra pure water etc.</li> <li>● Food &amp; beverage industry: filter of mineral water wines and fruit juice etc</li> <li>● Medicine industry: filter of drug liquid, gases etc</li> <li>● Chemical industry: filter of organic solvent etc</li> <li>● Petroleum industry: filter for oil-field flooding</li> </ul>
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### Order Information

PP Wound Cartridge Filter				Cotton Wound Cartridge Filter			
Part NO.	Filter Medium	Length(inch)	Pore Size(um)	Part NO.	Filter Medium	Length(inch)	Pore Size(um)
CRWPP005005	PP	5	0.5	CRWCT005005	Cotton	5	0.5
CRWPP005010	PP	5	1	CRWCT005010	Cotton	5	1
CRWPP005050	PP	5	5	CRWCT005050	Cotton	5	5
CRWPP005100	PP	5	10	CRWCT005100	Cotton	5	10
CRWPP005200	PP	5	20	CRWCT005200	Cotton	5	20
CRWPP010005	PP	10	0.5	CRWCT010005	Cotton	10	0.5
CRWPP010010	PP	10	1	CRWCT010010	Cotton	10	1
CRWPP010050	PP	10	5	CRWCT010050	Cotton	10	5
CRWPP010100	PP	10	10	CRWCT010100	Cotton	10	10
CRWPP010200	PP	10	20	CRWCT010200	Cotton	10	20
CRWPP020005	PP	20	0.5	CRWCT020005	Cotton	20	0.5

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CRWPP020010	PP	20	1	CRWCT020010	Cotton	20	1
CRWPP020050	PP	20	5	CRWCT020050	Cotton	20	5
CRWPP020100	PP	20	10	CRWCT020100	Cotton	20	10
CRWPP020200	PP	20	20	CRWCT020200	Cotton	20	20
CRWPP030005	PP	30	0.5	CRWCT030005	Cotton	30	0.5
CRWPP030010	PP	30	1	CRWCT030010	Cotton	30	1
CRWPP030050	PP	30	5	CRWCT030050	Cotton	30	5
CRWPP030100	PP	30	10	CRWCT030100	Cotton	30	10
CRWPP030200	PP	30	20	CRWCT030200	Cotton	30	20

## Meltblown Cartridge Filter—Ideal for solvent filtration in PCB industry

### Product Features:

- Good tolerance with alkali
- High structural strength
- Low pressure drop, high dirt holding capacity and long service life

### Application:

- Electroplate, etching and developing in PCB industry
- Electroplate liquid in traditional electroplate trough
- Pre-filter in the purifying plant of industrial-used water
- Clarifying chemical liquid of low viscosity
- Disposal of water and recycling of water

### Order Information

Part NO.	Filter Medium	Length(inch)	Pore Size(um)	Part NO.	Filter Medium	Length(inch)	Pore Size(um)
CRMPP0050010	PP	5	0.1	CRMPP0300010	PP	30	0.1
CRMPP0050022	PP	5	0.22	CRMPP0300022	PP	30	0.22
CRMPP0050045	PP	5	0.45	CRMPP0300045	PP	30	0.45
CRMPP0050065	PP	5	0.65	CRMPP0300065	PP	30	0.65
CRMPP0050100	PP	5	1	CRMPP0300100	PP	30	1

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CRMPP0050300	PP	5	3	CRMPP0300300	PP	30	3
CRMPP0050500	PP	5	5	CRMPP0300500	PP	30	5
CRMPP0051000	PP	5	10	CRMPP0301000	PP	30	10
CRMPP0100010	PP	10	0.1	CRMPP0400010	PP	40	0.1
CRMPP0100022	PP	10	0.22	CRMPP0400022	PP	40	0.22
CRMPP0100045	PP	10	0.45	CRMPP0400045	PP	40	0.45
CRMPP0100065	PP	10	0.65	CRMPP0400065	PP	40	0.65
CRMPP0100100	PP	10	1	CRMPP0400100	PP	40	1
CRMPP0100300	PP	10	3	CRMPP0400300	PP	40	3
CRMPP0100500	PP	10	5	CRMPP0400500	PP	40	5
CRMPP0101000	PP	10	10	CRMPP0401000	PP	40	10
CRMPP0200010	PP	20	0.1	CRMPP0500010	PP	50	0.1
CRMPP0200022	PP	20	0.22	CRMPP0500022	PP	50	0.22
CRMPP0200045	PP	20	0.45	CRMPP0500045	PP	50	0.45
CRMPP0200065	PP	20	0.65	CRMPP0500065	PP	50	0.65
CRMPP0200100	PP	20	1	CRMPP0500100	PP	50	1
CRMPP0200300	PP	20	3	CRMPP0500300	PP	50	3
CRMPP0200500	PP	20	5	CRMPP0500500	PP	50	5
CRMPP0201000	PP	20	10	CRMPP0501000	PP	50	10

## Big Blue Cartridge Filter—Excellent in sediment filtration for drinking and industrial used water

### Product Features:

- Good tolerance with alkali
- High structural strength
- Low pressure drop, high dirt holding capacity and long service life

### Application:

- Electroplate, etching and developing in PCB industry
- Electroplate liquid in traditional electroplate trough
- Pre-filter in the purifying plant of industrial-used water
- Clarifying chemical liquid of low viscosity
- Disposal of water and recycling of water

### Order Information

Part NO.	Filter Medium	Length(inch)	Pore Size(um)	Core Material	Part NO.	Filter Medium	Length(inch)	Pore Size(um)	Core Material
CRBPE005005	Polyester	5	0.5	PP	CRBPE020005	Polyester	20	0.5	PP
CRBPE005010	Polyester	5	1	PP	CRBPE020010	Polyester	20	1	PP
CRBPE005050	Polyester	5	5	PP	CRBPE020050	Polyester	20	5	PP
CRBPE005100	Polyester	5	10	PP	CRBPE020100	Polyester	20	10	PP
CRBPE005200	Polyester	5	20	PP	CRBPE020200	Polyester	20	20	PP
CRBPE005500	Polyester	5	50	PP	CRBPE020500	Polyester	20	50	PP
CRBPE010005	Polyester	10	0.5	PP	CRBPE030005	Polyester	30	0.5	PP
CRBPE010010	Polyester	10	1	PP	CRBPE030010	Polyester	30	1	PP
CRBPE010050	Polyester	10	5	PP	CRBPE030050	Polyester	30	5	PP
CRBPE010100	Polyester	10	10	PP	CRBPE030100	Polyester	30	10	PP
CRBPE010200	Polyester	10	20	PP	CRBPE030200	Polyester	30	20	PP
CRBPE010500	Polyester	10	50	PP	CRBPE030500	Polyester	30	50	PP

**Standard Cartridge Filter---** Designed for general water filtration purposes

<p><b>Product Features:</b></p> <ul style="list-style-type: none"> <li>● Good tolerance with chemicals</li> <li>● High polluttional loading</li> <li>● Low pressure drop and long service life</li> </ul>	<p><b>Application:</b></p> <ul style="list-style-type: none"> <li>● Pleated design increased surface area and contaminant removal</li> <li>● Longer filtration runs for fewer change-out and less maintenance</li> <li>● Low pressure drop</li> <li>● Designed for general water filtration purposes</li> </ul>
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**Order Information**

Part NO.	Filter Medium	Length(inch)	Pore Size(um)	Core Material	Part NO.	Filter Medium	Length(inch)	Pore Size(um)	Core Material
CRSPE005005	Polyester	5	0.5	PP	CRSPE030005	Polyester	30	0.5	PP
CRSPE005010	Polyester	5	1	PP	CRSPE030010	Polyester	30	1	PP
CRSPE005050	Polyester	5	5	PP	CRSPE030050	Polyester	30	5	PP
CRSPE005100	Polyester	5	10	PP	CRSPE030100	Polyester	30	10	PP
CRSPE005200	Polyester	5	20	PP	CRSPE030200	Polyester	30	20	PP
CRSPE005500	Polyester	5	50	PP	CRSPE030500	Polyester	30	50	PP
CRSPE010005	Polyester	10	0.5	PP	CRSPE040005	Polyester	40	0.5	PP
CRSPE010010	Polyester	10	1	PP	CRSPE040010	Polyester	40	1	PP
CRSPE010050	Polyester	10	5	PP	CRSPE040050	Polyester	40	5	PP
CRSPE010100	Polyester	10	10	PP	CRSPE040100	Polyester	40	10	PP
CRSPE010200	Polyester	10	20	PP	CRSPE040200	Polyester	40	20	PP
CRSPE010500	Polyester	10	50	PP	CRSPE040500	Polyester	40	50	PP
CRSPE020005	Polyester	20	0.5	PP					
CRSPE020010	Polyester	20	1	PP					
CRSPE020050	Polyester	20	5	PP					
CRSPE020100	Polyester	20	10	PP					
CRSPE020200	Polyester	20	20	PP					
CRSPE020500	Polyester	20	50	PP					

**Activated Carbon / Carbon Impreganted Cellulose Cartridge Filter--- Professional in reducing chlorine bad taste and odors**

<p><b>Product Features:</b></p> <ul style="list-style-type: none"> <li>● Provides sediment filtration</li> <li>● Nominal 10 micron rating</li> <li>● Recommended for chlorinated water supplies</li> </ul>	<p><b>Application:</b></p> <ul style="list-style-type: none"> <li>● Produce healthier, better-tasting drinking water</li> <li>● Food decoloration</li> <li>● Provides sediment filtration, bad taste &amp; odor and chlorine taste &amp; odor reduction (based on manufacturer's internal testing)</li> </ul>
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**Order Information**

<b>Carbon Impreganted Cellulose Cartridge Filter</b>							
Part NO.	Filter Medium	Length(inch)	Out Diameter	Pore Size(um)	End Caps	Netting	Core Material
CRCC0100102	Carbon Cellulose	10	2-1/2"	10	Vinyl Plastsol	PE	PP
CRCC0200102	Carbon Cellulose	20	2-1/2"	10	Vinyl Plastsol	PE	PP
CRCC0100104	Carbon Cellulose	10	4-1/2"	10	Vinyl Plastsol	PE	PP
CRCC0200104	Carbon Cellulose	20	4-1/2"	10	Vinyl Plastsol	PE	PP
<b>Activated Carbon Cartridge Filter</b>							
Part NO.	Filter Medium	Length(inch)	Pore Size(um)	Glasket	Netting		
CRBPE005010	Acid washed bituminous GAC	5	1	PVC	PP		
CRBPE005050	Acid washed bituminous GAC	5	5	PVC	PP		
CRBPE005100	Acid washed bituminous GAC	5	10	PVC	PP		
CRBPE010010	Acid washed bituminous GAC	10	1	PVC	PP		
CRBPE010050	Acid washed bituminous GAC	10	5	PVC	PP		
CRBPE010100	Acid washed bituminous GAC	10	10	PVC	PP		
CRBPE020005	Acid washed bituminous GAC	20	0.5	PVC	PP		
CRBPE020010	Acid washed bituminous GAC	20	1	PVC	PP		
CRBPE020050	Acid washed bituminous GAC	20	5	PVC	PP		

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CRBPE030005	Acid washed bituminous GAC	30	0.5	PVC	PP
CRBPE030010	Acid washed bituminous GAC	30	1	PVC	PP
CRBPE030050	Acid washed bituminous GAC	30	5	PVC	PP
CRBPE040005	Acid washed bituminous GAC	40	0.5	PVC	PP
CRBPE040010	Acid washed bituminous GAC	40	1	PVC	PP
CRBPE040050	Acid washed bituminous GAC	40	5	PVC	PP

**Swimming Pool Cartridge Filter** ---- **Designed for clarification in Swimming Pool**

**Product Features:**

- All of our swimming pool filter cartridges use genuine polyester media.
- End caps for the Pool and Spa cartridges are made from a durable polyurethane material and are available in a variety of configurations.
- Center cores of our cartridges are comprised of punched PVC pipe for consistent flow.

**Application:**

- Swimming pool clarification filtration
- Other spars water filtration
- Matching most of the normal filter housing

**Order Information**

Item Number	OD	Top	Bottom	Height	Sq. ft	Pleat Count	Manufacturer Code	Replaces
CRSP60752	6"	Semi-circular	1-1/2"MPT	19-3/4"	75	158	Top Load	6CH-75
		Handle						
CRSP60751	6"	Semi-circular	1-7/8"	14-3/4"	75	215	Advanced Spa	C-6475
		Handle						
CRSP60602	6"	Semi-circular	1-1/2"MPT	16-1/4"	60	158	6x16 1/8, TSC	6CH-60
		Handle						
CRSP60601	6"	Semi-circular	1-7/8"slots	16-1/8"	60	158	Pageant Spa	C-6602
		Handle						
CRSP60507	6"	Semi-circular	1-1/2"SAE Thread	8-5/8"	50	190	Signature 50 Sq. ft	Unknown
		Handle						



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CRSP60503	6"	Semi-circular	1-7/8"open w/slots	19-5/8"	50	107	Four Seasons/Aqua Spa 25	C-6605
		Handle						
CRSP60502	6"	Molded Handle	1-9/10"open	13-7/16"	50	161	Pleatco Skim filter	C-6450
CRSP60501	6"	Semi-circular	1-1/2"MPT Thread	13-7/16"	50	158	6x13 5/16", TSC	6CH-50
		Handle						
CRSP60471	6"	Semi-circular	1-1/2"MPT Thread	9-1/8"	47	225	6X9",TSC	6CH-47
		Handle						
CRSP60451	6"	Semi-circular	1-1/2"MPT Thread	12-3/8"	45	158	6x12 1/4",TSC	6CH-45
		Handle						