

### Masterfilter MBC series

The Masterfilter *SpunFil* MBC series is a high flow Polypropylene melt blown filter cartridge without core. It is fusing and intertwined of polypropylene resin without any chemical glues. The cartridges are thermal bond at random to form 3D micro pore which will make the cartridge 3 layers with fine fibres in surface and coarse fibres and deep filtration. Large diameter extends to very high filtration surface area and high flow rate.

### Applications

- Food and beverage
- Chemicals, solvents
- Electronic
- Drinking water treatment
- Plating
- Industrial water treatment

### Features and Benefits

- 3 layers structure cartridge offers high dirt holding capacity, longer service life
- Formed by thermal bond without using any binders and adhesives
- 100% pure Polypropylene will not cause any pollution to water
- Wide chemical compatibility
- Large diameter extends to very high filtration surface area and high flow rate
- FDA compliance material

### Materials of Construction

- Filter media: Polypropylene

### Operating Parameters

- Removal rating: 1, 3, 5, 10, 25, 40, 75, 100, 150  $\mu\text{m}$
- Max. differential pressure: 2.0 bar at 21 °C
- Max. operating temperature: 65 °C

### Food and Biological Safety

- Comply with the relevant requirements of EU 1935/2004 and EU directive 10/2011



**Part Numbers**

MBC 0050 - 30

Code	Removal rating [µm]
0010	1
0030	3
0050	5
0100	10
0250	25
0400	40
0750	75
1000	100
1500	150

Code	Ø 153 mm Length	
	[mm]	[inch]
975	248	9.75
987	250	9.87
10	254	10
20	508	20
30	762	30
40	1016	40
50	1270	50
60	1524	60

e.g. part number: MBC-0050-30

MBC filter, 5 µm, 30" length