

Masterfilter MBK-A BT Nano –fiber propylene cartridges are constructed by 5-8 graded layer. MBK-A BT offers consistent retention characteristics and a high level of security that is enhanced by the option to connect o-ring seal adapters on the cartridge.

Features and Benefits

- 5 – 8 graded layer offers high dirt holding capacity and long service life
- Removal rating from 1 to 50 microns (absolute)
- Thermal bonding without binders and adhesives
- 100% PP offers compatibility with most chemicals, solvents caustic and acids
- Full range of end caps and adaptors



Applications

- Primary stage filtration
- Chemical, solvents
- Water treatment
- Drinking water
- Plating baths
- Beverage filtration

Pressure drop and flow rate for 10 inch (250mm) cartridge

Particle size	MBK-A-0050 BT	MBK-A-0100 BT	MBK-A-0250 BT
≥2µm	75%	8%	7,50%
≥5µm	97%	18%	15%
≥10µm	99,99%	75%	60%
≥12µm	100%	98%	93%
≥25µm	100%	100%	100
≥35µm	100%	100%	100
≥50µm	100%	100%	100
Flowrate	Pressure drop	Pressure drop	Pressure drop
5l/min/10"	<0,06 bar	<0,015 bar	<0,010 bar

Materials of construction

- Filter media: Polypropylene
- Inner core: Polypropylene
- End caps: Polypropylene
- O-Rings: EPDM/Silicone

Operating Characteristics

Maximum Differential pressure	4.0bar (20°C)
Maximum Operation temp.	85°C
in situ Hot Water Sanitization	80°C

Food and Biological Safety

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

Ordering Information

MBK-A - - - - **BT**

Code	Removal rating micron
0010	1,0
0030	3,0
0050	5,0
0100	10
0250	25
0500	50

Code	length	
	mm	inch
10	254	10
20	508	20
30	762	30
40	1016	40
50	1270	50

Code	end caps
STC	Sartorius code 28
HTC	222 O-ring/flat (Code 3)
HTF	222 O-ring/fin (Code 8)
HSF	226 O-ring/fin (Code 7)
HSH	UF retrofit
DOE	Double open end

Code	O-Rings
S	Silicone
E	EPDM
V	Viton