

Activated Carbon Filter Cartridge — MS Activepure CTO Series

MS Activepure CTO Series

MS Activepure CTO series carbon filter cartridge is shaped by extruding the premium grade activated carbon with food grade additives continuously, no release of carbon fines. The extrusion process allows more carbon, but a lower pressure drop, which enables the filter to deliver extended life while removing sediment, chlorine, taste, odor and organic contaminants from water, aqueous solutions or suspensions effectively.

The outer polypropylene spunbonded prefiltration medium and protective polyethylene netting offer a high strength and sediment-holding capacity.



Membrane Solutions, LLC.

Address: 1108 Spring View Lane Plano, TX 75075

www.membrane-solutions.com

Toll free: 866-528-4572

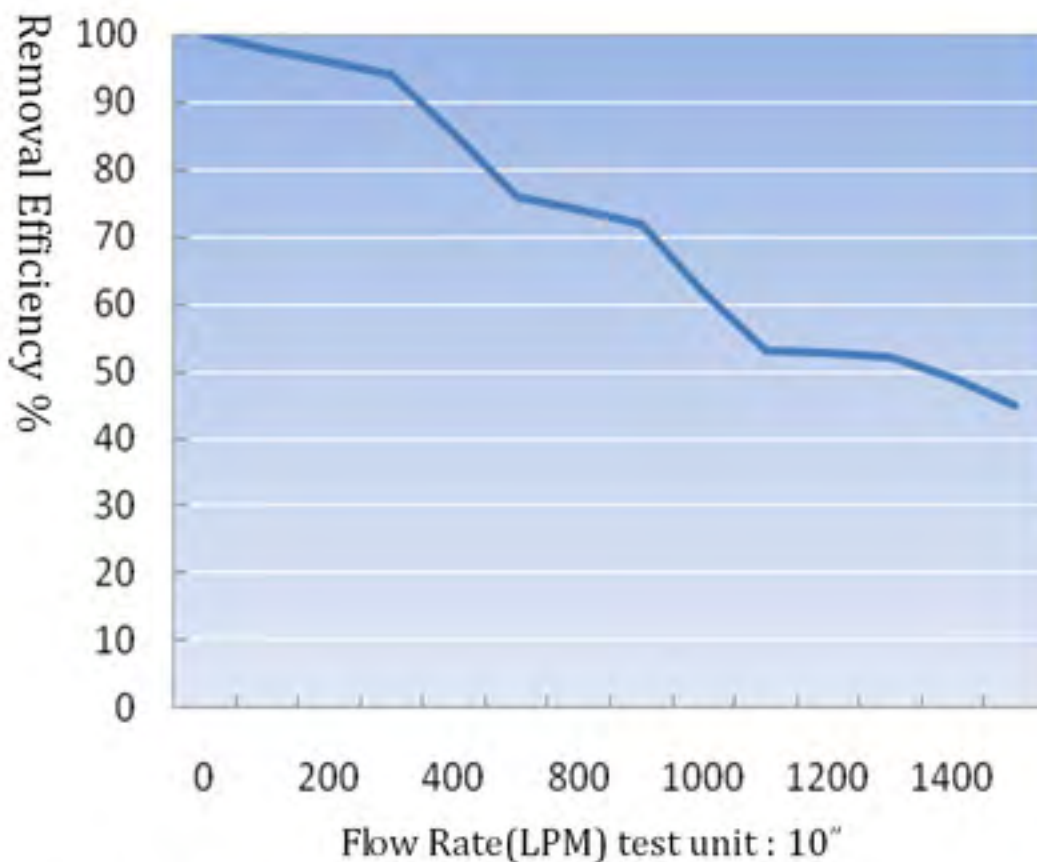
Fax: 732-412-4040

MS Activepure CTO Series carbon filter cartridge

Material of construction

Filter media	bituminous and coconut shell carbon
Inner and outer wrap	spunbonded polypropylene
Outer carrier net	polyethylene
End cap	polypropylene
Gaske	silicone, EPDM

Typical Organic Removal Value



Product code information

Removal Rating	1µm, 5µm, 10µm
Outside Diameter	63mm, 115mm
Inside Diameter	28mm, 30mm
Available Length (customer tailored)	5", 9.75", 9.87", 10", 20", 30"

Order information:

CRCTO010050: CTO carbon filter cartridge, 10", 5.0µm



Performance Specifications

Specific surface area	850m ² /g
Adsorptive value of Iodine	800-1000mg/g
Maximum operation temperature	52°C
Maximum operation pressure	17bar
Maximum differential pressure	7bar @ 20°C
Change-out Differential Pressure	2.1bar

Features:

1. No Release of Carbon Fines
2. Low pressure drop, long service life
3. High absorptive capacity
4. Chlorine, bad taste, odor, voc reduction
5. No channeling or bypassing of liquid

Applications:

1. Drinking water
2. Swimming pool
3. Chemical & petrochemical Industries