

Saltreat® SPP Series Melt Blown Polypropylene Depth Cartridges

DESCRIPTION

Saltreat® SPP Melt Blown Depth Cartridges is a unique depth filters produced with pure Polypropylene resin, which meets the requirement of the FDA Title 21 of the Code of Federal Regulations 177.1520 for direct and indirect food contact. **Saltreat®** SPP Series Melt Blown Depth Filter Cartridges take advantage of the innovated continuous multi-extruded technology and the latest melt blowing microfiber technology.



FEATURES AND BENEFITS

- ▶ Melt blown microfiber and Multi-layers structure provides consistent particle retention and superior contaminants holding capacity with longer filtration life.
- ▶ Thermally self-bonded microfiber construction ensures consistent production yields throughout filtration life. No fiber releasing and media migration.
- ▶ No surfactants or adhesives are present to interfere product quality or cause foaming
- ▶ 100% pure polypropylene meets the requirements of the FDA CFR Title 21,177.1520
- ▶ Board chemical compatibility for variety of application

APPLICATIONS

commercial	<ul style="list-style-type: none"> ▶ Pre-filter of drinking water system ▶ Pre-filter of R.O system and others water system
Industry	<ul style="list-style-type: none"> ▶ Oil removal industry ▶ Food and beverages industry ▶ Photographics industry ▶ Pharmacy industry ▶ Electroplating, etching and image development processes in PCB industry. ▶ Filtration of electroplating fluid in conventional electroplating industry. ▶ Pre-filter of DI & RO water filtration system for industry. ▶ Filtration of medium & low viscosity fluids of chemical. ▶ Filtration of water for manufacturing processes and recycled water.

GENERAL SPECS

Operating conditions	Maximum operating pressure drop : 21°C=5.0 Kgf/cm ² 65°C=2.8 Kgf/cm ²
	Recommended replaceable pressure drop : 2.5 Kgf/cm ²
Materials	100% polypropylene, melt-blown thermal bond fiber.
Retention ratings (µm)	nominal 1, 5 & 20 microns
Product Dimensions	Inner diameter : 28mm Outer diameter : 64mm~115mm (nominal 2.5" ~ 4.5") Length : 250mm~1016mm (nominal 10" ~ 40")

TEST SYSTEM

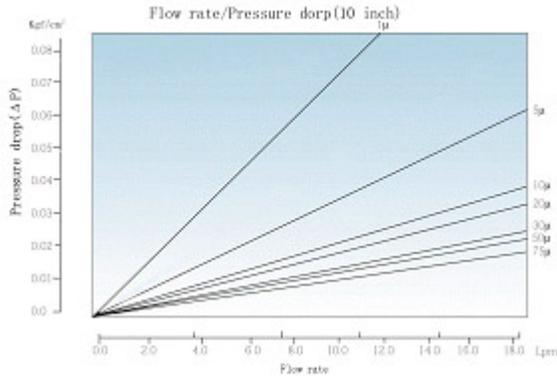
Refer to NSF (National Sanitation Foundation) ANSI/NSF-42 and ISO 4572, ASTM 797-88 Standard.

CHEMICAL COMPATIBILITY

Polypropylene provides broad chemical compatibility for variety of applications.

Chemicals	25°C(77)	60°C(144)	Chemicals	25°C(77)	60°C(144)
Acetic Acid	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Nitric acid 5~10%	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Vinyl Acid	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Toluene	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Acetone	<input checked="" type="checkbox"/>	N/A	Methyl Alcohol	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Hydroxybenzene	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Toluene	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Hydrochloric acid	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Alkane Hexyl	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Vitriol	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Sodium Hydroxide	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Nitric Acid 50%	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Potassium Hydroxide	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

LIQUID FLOW CHART



ORDERING INFORMATION

Model #	Size	Retention Rating (µm)	Qty Per Box
SPP-S-001-10B-D-064	2-1/2 " x 9-7/8 "	1	50
SPP-S-005-10B-D-064	2-1/2 " x 9-7/8 "	5	50
SPP-S-020-10B-D-064	2-1/2 " x 9-7/8 "	20	50
SPP-S-005-20-D-064	2-1/2 " x 20 "	5	25
SPP-S-005-30-D-064	2-1/2 " x 30 "	5	25
SPP-S-005-40-D-064	2-1/2 " x 40 "	5	25
SPP-S-001-10B-D-115	4-1/2 " x 9-7/8 "	1	10
SPP-S-005-10B-D-115	4-1/2 " x 9-7/8 "	5	10
SPP-S-001-20-D-115	4-1/2 " x 20 "	1	10
SPP-S-005-20-D-115	4-1/2 " x 20 "	5	10

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