

Saltreat® SW Series String Wound Cartridges "The 1 μ Solution"

FEATURES:

Longer Service Life

Saltreat® SW string wound cartridges offer true depth filtration with high dirt holding capacity and extremely low media migration. Thus, even when the particle distribution of the contaminant is broad, **Saltreat®** SW Series cartridges have excellent dirt holding capacity because of density and structure.



Greater Solids Holding Capacity

Saltreat® SW Series string wound cartridges are manufactured using a high speed, continuous wound process which creates a superior one-piece filter with hundreds of diamond shaped tunnels that get progressively smaller from the outer diameter to the core. Finer particles are progressively trapped as fluid travels to the center of the filter allowing for much greater retention capacity than that which is associated with straight surface filter media of the same dimensions and porosity.

All 1 μ rating but with Wide Choices of Lengths

Saltreat® SW Series string wound cartridges reject particles of as low as 1 micron in size, and are available in standard lengths ranging from 10" to 40".

CARTRIDGE FILTRATION GUIDE

1. Cartridge filtration is favored in systems where the contaminant levels are less than 0.02% by weight (<100ppm)
2. Cartridge need to be replaced when the differential pressure (AP) approaches 40 psid.
3. Never exceed a differential pressure (AP) of 70 psid because the cartridge could collapse or "unload" the contaminants.
4. Clean initial pressure drop in liquid applications should be a differential pressure of 2.5-6 psid.
5. The lower the flow rate, the greater the contaminate-holding capacity of the filter tube. Flows in excess of 5 gpm per 10" tube are not recommended, with 2-3 gpm being preferred.

Recommended Applications

- ▶ R.O. Water purification system
- ▶ Drinking water system
- ▶ Chemical Processing
- ▶ Pharmaceutical
- ▶ Electronics / Plating
- ▶ Coatings
- ▶ Magnetic Coatings
- ▶ Photo Emulsions
- ▶ Food and Beverage
- ▶ Photo Processing
- ▶ Oil Patch

GENERAL SPECS FOR THE Saltreat® SW SERIES

Operating conditions	Maximum operating pressure drop	: 72.50 psi
	Maximum operating Temperature	: ~85°C
Material of construction	Filtration Media: Polypropylene Inner Core: Polypropylene.	
Retention rating (µm)	nominal 1 microns	
Product Dimensions	Inner diameter (ID) : 28mm Outer diameter (OD) : 63mm	

Ordering Information :

Model #	Size	Qty Per Box
SWPP-001-10B-B-63	2-1/2 " x 9-7/8 "	50
SWPP-001-20-B-63	2-1/2 " x 20"	25
SWPP-001-30-B-63	2-1/2 " x 30"	25
SWPP-001-40-B-63	2-1/2 " x 40"	25

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