

ParaGuard Cartridge



Pleated Sediment Cartridges

The ParaGuard Series uses the latest in nanofiber technology to achieve some of the highest filtration characteristics within the industry. Using a patented filter media design, ParaGuard offers exceptionally high flow rates, efficiency, and dirt holding capacity. In addition, this media has been shown to reduce virus, bacteria, cysts, volatile organic compounds (VOC's), disinfection byproducts (DPB's), endotoxin, natural organic matter, and other sub-micron particles.

ParaGuard is also available in a powdered activated carbon (PAC) version for chlorine reduction. This design has the advantage of not using glues and adhesives found in GAC filters thereby helping to prevent channeling and improve water flow.

Applications

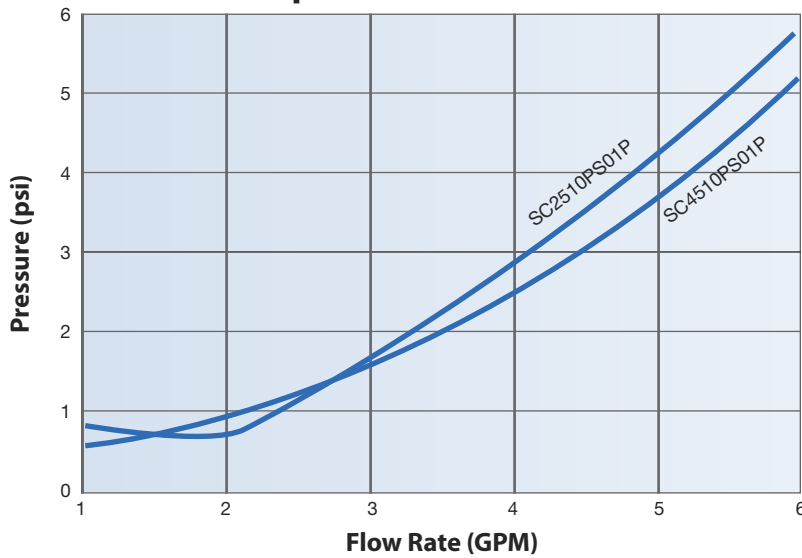
- RO pre-filtration, polishing, process water, iron removal
- Agricultural, Pharmaceutical, Bottling, Industrial, Wastewater

Features

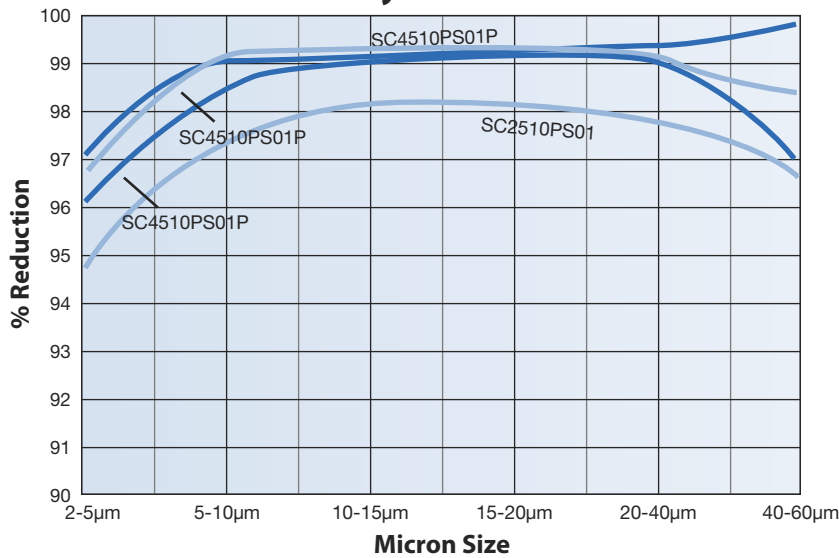
- High flow rates, filtration efficiency, and 20% higher dirt holding capacity than conventional media
- Reduces virus, bacteria, cysts, endotoxin, and other sub-micron particles
- Reduces turbidity to meet EPA mandated levels of <1 NTU
- PAC media version for chlorine reduction
- Single or double pleat design options
- DOE or common end-cap options



Pressure Drop



Filtration Efficiency



Specifications

Filter Media:

Disruptor®

Core Material:

Polypropylene

End Cap Material:

Plastisol

Temperature Rating:

39 – 190°F (4 – 88°C)

pH Range:

5.5 to 9.0

Turbidity Reduction:

<0.01 NTU

Filtration Efficiency:

>95%

Chlorine Reduction:

7000 gal (PAC versions only)*

Disruptor® is a registered trademark of the Ahlstrom Corporation

Part Number	Nominal Dimensions	Media Type	Micron Rating	Suggested Flow Rate	Initial Pressure Drop
SC2510PS01	2.5" x 10"	Standard	0.2µ	4 GPM	<1 psi
SC4510PS01	4.5" x 10"	Standard	0.2µ	10 GPM	<10 psi
SC2520PS01	2.5" x 20"	Standard	0.2µ	8 GPM	<2 psi
SC4520PS01	4.5" x 20"	Standard	0.2µ	20 GPM	<20 psi
SC2510PS01P	2.5" x 10"	PAC	0.2µ	4 GPM	<1 psi
SC4510PS01P	4.5" x 10"	PAC	0.2µ	10 GPM	<10 psi
SC2520PS01P	2.5" x 20"	PAC	0.2µ	8 GPM	<2 psi
SC4520PS01P	4.5" x 20"	PAC	0.2µ	20 GPM	<20 psi

*Internally Tested and Verified.

