

# Sediment Cartridges

## SDF Series Sediment Cartridges

- **Manufactured from 100% pure polypropylene filters**
- **Graded density for higher dirt holding capacity**



### **PREMIUM SOFT SDF SERIES 2 -1/2" DIAMETER CARTRIDGES**

The Premium Series 2-1/2" diameter SDF cartridges coreless design is an **E**conomical solution to pre-filtration for many applications. They are used widely as pre-filtration for Reverse Osmosis systems and post-filtration for Granular Activated Carbon Filters. They are also used in applications such as Ice Machines, Film Processing, Beverage, Coffee, Analytical, Wineries, and many others.

### **PREMIUM SOFT SDF SERIES 4-1/2" DIAMETER CARTRIDGES**

Our 4-1/2" diameter SDF filters have true multi-stage depth filtration integrated into the design. Utilizing our technology to create four separate layers of micron filtration, our outside-in-flow allows the outer layer to trap the larger sized particles, resulting in a much lower pressure drop compared to conventional filters. Trapping various sized particles layer by layer, our SDF filters provide a much higher dirt holding capacity than standard spun polypropylene and string wound cartridges.



# SDF SERIES Sediment Cartridges

## MATERIALS OF CONSTRUCTIONS

- **FILTER MEDIA** POLYPROPYLENE
- **TEMPERATURE RANGE** 40°F - 145°F (4.4°C - 62.8°C)

## 2-1/2" DIAMETER PERFORMANCE

ITEM #	DIAMETER AND LENGTH	MICRON RATING NOMINAL	INITIAL Δ P (PSI) AND FLOW RATE	MAXIMUM FLOW RATE
SDF-25-0501	2.5" x 4 7/8"	1	.03 PSI @ 2GPM	1.3 GPM
SDF-25-0505	2.5" x 4 7/8"	5	.03 PSI @ 2GPM	1.3 GPM
SDF-25-1001	2.5" x 9 7/8"	1	.06 PSI @ 5GPM	2.5 GPM
SDF-25-1005	2.5" x 9 7/8"	5	.04 PSI @ 5GPM	2.5 GPM
SDF-25-1010	2.5" x 9 7/8"	10	.02 PSI @ 5GPM	2.5 GPM
SDF-25-1020	2.5" x 9 7/8"	20	.02 PSI @ 5GPM	2.5 GPM
SDF-25-1050	2.5" x 9 7/8"	50	.02 PSI @ 5GPM	2.5 GPM
SDF-25-2001	2.5" x 20"	1	.06 PSI @ 10GPM	5 GPM
SDF-25-2005	2.5" x 20"	5	.04 PSI @ 10GPM	5 GPM
SDF-25-2010	2.5" x 20"	10	.03 PSI @ 10GPM	5 GPM
SDF-25-2020	2.5" x 20"	20	.03 PSI @ 10GPM	5 GPM
SDF-25-2050	2.5" x 20"	50	.03 PSI @ 10GPM	5 GPM
SDF-25-3001	2.5" x 30"	1	.04 PSI @ 15 GPM	7.5 GPM
SDF-25-3005	2.5" x 30"	5	.03 PSI @ 15 GPM	7.5 GPM
SDF-25-4001	2.5" x 40"	1	.03 PSI @ 20 GPM	10 GPM
SDF-25-4005	2.5" x 40"	5	.03 PSI @ 20 GPM	10 GPM
SDF-25-4025	2.5" x 40"	25	.02 PSI @ 20 GPM	10 GPM

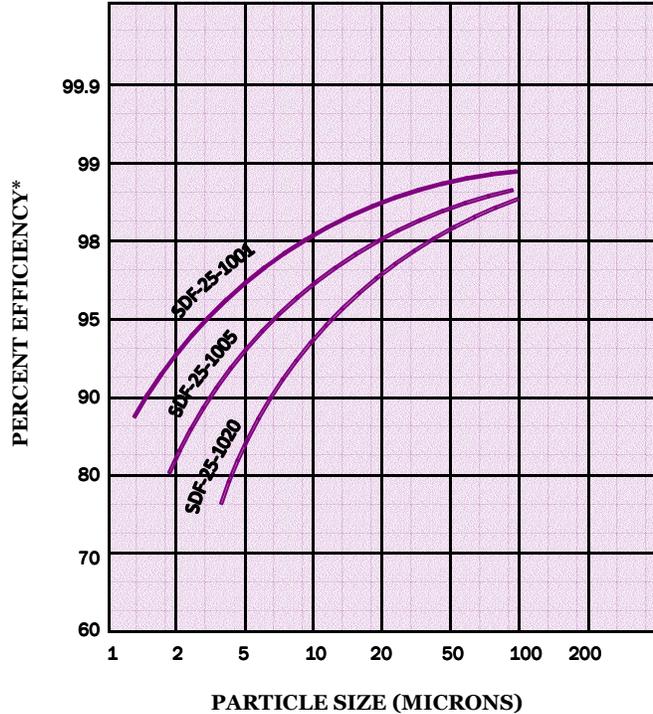
## 4-1/2" DIAMETER PERFORMANCE

ITEM #	DIAMETER AND LENGTH	MICRON RATING NOMINAL	INITIAL Δ P (PSI) AND FLOW RATE	MAXIMUM FLOW RATE
SDF-45-1001	4.5" x 9 7/8"	1	1 PSI @ 10GPM	6.5 GPM
SDF-45-1005	4.5" x 9 7/8"	5	1 PSI @ 10 GPM	6.5 GPM
SDF-45-1010	4.5" x 9 7/8"	10	1 PSI @ 10 GPM	6.5 GPM
SDF-45-1020	4.5" x 9 7/8"	20	1 PSI @ 10 GPM	6.5 GPM
SDF-45-1050	4.5" x 9 7/8"	50	1 PSI @ 10 GPM	6.5 GPM
SDF-45-2001	4.5" x 20"	1	1 PSI @ 20 GPM	13 GPM
SDF-45-2005	4.5" x 20"	5	1 PSI @ 20 GPM	13 GPM
SDF-45-2010	4.5" x 20"	10	1 PSI @ 20 GPM	13 GPM
SDF-45-2020	4.5" x 20"	20	1 PSI @ 20 GPM	13 GPM
SDF-45-2050	4.5" x 20"	50	.03 PSI @ 20 GPM	13 GPM

**WARNING:** Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

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### 2-1/2" Diameter x 9-7/8" Length



### 4-1/2" Diameter x 9-7/8" Length

