



#### PP SERIES SEDIMENT CARTRIDGES

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

#### PP SERIES SEDIMENT CARTRIDGES

#### ROTEK PP SERIES 2.5" DIAMETER CARTRIDGES

The Rotek PP Series 2.5" diameter cartridge's coreless design is an economical solution to pre-filtration for many applications. They are used widely as pre-filtration for RO systems and post-filtration for GAC filters. They are also used in applications such as Ice Machines, Film Processing, Beverage, Coffee, Analytical, Wineries, and many others.

#### ROTEK PP SERIES 4.5" DIAMETER CARTRIDGES

Our 4.5" diameter PP filters have true multi-stage depth filtration integrated into their design. Utilizing our technology to create 4 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 PP filters provide a much higher dirt holding capacity than standard spun polypropylene and string wound cartridges.



**ROTEK**  
*Purification For Life*



## PP SERIES SEDIMENT CARTRIDGES

### MATERIALS OF CONSTRUCTION

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

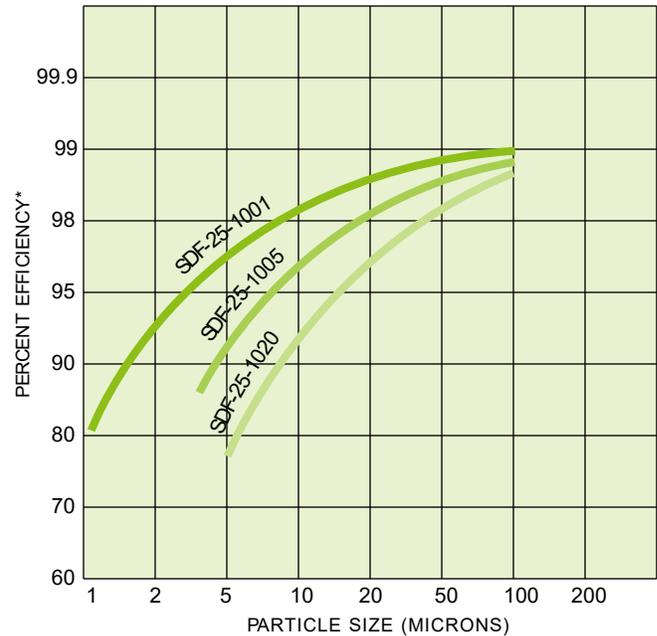
### 2.5" DIAMETER PERFORMANCE

ITEM #	DIAMETER AND LENGTH	MICRON RATING NOMINAL	INITIAL Δ P (psi) @FLOW RATE (gpm)
SDF-25-0501	2.5" X 4 7/8"	1	0.3 psi @ 2 gpm
SDF-25-0505	2.5" X 4 7/8"	5	0.3 psi @ 2 gpm
SDF-25-1001	2.5" X 9 7/8"	1	0.6 psi @ 5 gpm
SDF-25-1005	2.5" X 9 7/8"	5	0.4 psi @ 5 gpm
SDF-25-1010	2.5" X 9 7/8"	10	0.2 psi @ 5 gpm
SDF-25-1020	2.5" X 9 7/8"	20	0.2 psi @ 5 gpm
SDF-25-1050	2.5" X 9 7/8"	50	0.2 psi @ 5 gpm
SDF-25-2001	2.5" X 20"	1	0.6 psi @ 10 gpm
SDF-25-2005	2.5" X 20"	5	0.4 psi @ 10 gpm
SDF-25-2010	2.5" X 20"	10	0.3 psi @ 10 gpm
SDF-25-2020	2.5" X 20"	20	0.3 psi @ 10 gpm
SDF-25-2050	2.5" X 20"	50	0.3 psi @ 10 gpm
SDF-25-3001	2.5" X 30"	1	0.4 psi @ 15 gpm
SDF-25-3005	2.5" X 30"	5	0.3 psi @ 15 gpm
SDF-25-4001	2.5" X 40"	1	0.3 psi @ 20 gpm
SDF-25-4005	2.5" X 40"	5	0.3 psi @ 20 gpm
SDF-25-4025	2.5" X 40"	25	0.2 psi @ 20 gpm
SDF-25-4075	2.5" X 40"	75	0.2 psi @ 20 gpm

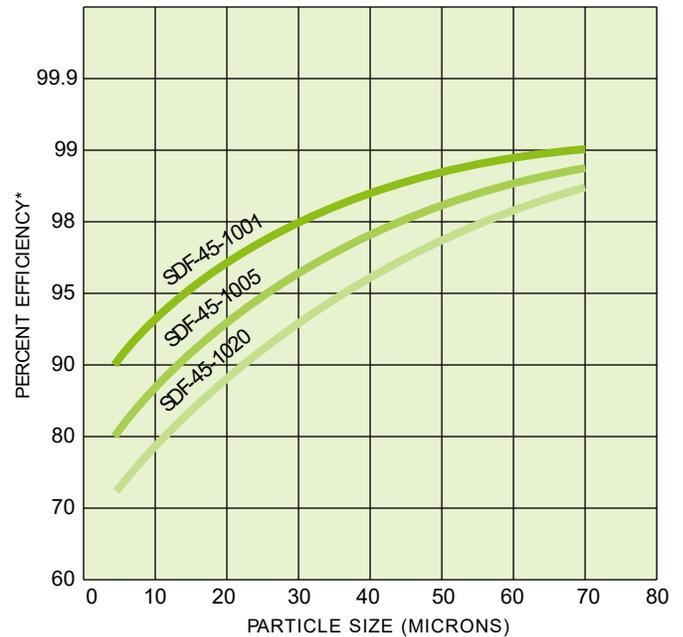
### 4.5" DIAMETER PERFORMANCE

ITEM #	DIAMETER AND LENGTH	MICRON RATING NOMINAL	INITIAL Δ P (psi) @FLOW RATE (gpm)
SDF-45-1001	4.5" X 9 7/8"	25 ~ 1	1 psi @ 10 gpm
SDF-45-1005	4.5" X 9 7/8"	50 ~ 5	1 psi @ 10 gpm
SDF-45-1010	4.5" X 9 7/8"	75 ~ 10	1 psi @ 10 gpm
SDF-45-1020	4.5" X 9 7/8"	100 ~ 20	1 psi @ 10 gpm
SDF-45-1050	4.5" X 9 7/8"	150 ~ 50	1 psi @ 10 gpm
SDF-45-2001	4.5" X 20"	25 ~ 1	1 psi @ 20 gpm
SDF-45-2005	4.5" X 20"	50 ~ 5	1 psi @ 20 gpm
SDF-45-2010	4.5" X 20"	75 ~ 10	1 psi @ 20 gpm
SDF-45-2020	4.5" X 20"	100 ~ 20	1 psi @ 20 gpm
SDF-45-2050	4.5" X 20"	100 ~ 50	1 psi @ 20 gpm

2.5" DIAMETER X 9 7/8" LENGTH



4.5" DIAMETER X 9 7/8" LENGTH



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