



# SIEVA™ 550 SERIES



## Cost Effective Filtration

FTC introduces its new Sieva 550 Series pleated bag filter. The unique design of this pleated bag provides a large effective filter surface area within the space constraints of a standard basket. The dirt holding capacity is maximized by pleating several different filter media together in a single pleat pack. One Sieva 550 Series bag filter holds as much as 5x more dirt than the typical 500 Series bag and 21x as much as a standard single layer bag filter.

The FTC Sieva 550 bag is designed to fit inside existing baskets and effectively provide 99.0% removal efficiency without housing modification.

## Benefits

- Provides significantly greater dirt holding than non-pleated felt and high efficiency bag filters
- Custom molded seal to ensure positive capture of contaminants
- Simple installation into existing equipment without equipment modification
- Absolute rated media with fixed pore structure prevents particle unloading and provides reliable results in critical applications
- Superior methods of construction combined with excellent quality control ensure FTC Sieva 550 Series bag filters will provide quality filtration in difficult operating conditions

## Common Applications

- Water and Wastewater, Process Fluids, Acids, Bases, Amines, Glycols, Brines, Machine Coolants

## Dimensions

Outside Diameter..... 6.25"  
Inside Diameter ..... 3.00"  
Length..... 20"

## Materials of Construction

Filter Media ..... Polypropylene  
Center Core..... Polypropylene  
Netting ..... Polypropylene  
End Caps..... Polypropylene  
Seal Material ..... EPDM

## PRODUCT SPECIFICATIONS

Micron Ratings @ 99.00% (beta 100): 2, 5, 15, 50, 100 Micron

Surface Area: 32 ft<sup>2</sup> per filter element

Maximum Operating Conditions: 185°F (85°C) continuous operating temperature

Recommended Flow Rate For Optimal Dirt Loading: 25 GPM

Recommended Differential Pressure for change-out: 25 PSID

## MEDIA MICRON RATING AT EFFICIENCY

FILTER MODEL	552	555	557	558	559
99.00% (beta 100)	2	5	15	50	100

## DIRT HOLDING CAPACITY (LBS)\* per filter element

FILTER MODEL	552	555	557	558	559
Pounds of Solids	3.4	4.5	4.9	5.0	5.3

## CLEAN PRESSURE DROP (PSID)\* per filter element

FILTER MODEL	552	555	557	558	559
PSID @ 20 GPM	0.13	0.11	0.10	0.10	0.10
PSID @ 30 GPM	0.25	0.23	0.20	0.17	0.16
PSID @ 40 GPM	0.32	0.31	0.28	0.26	0.24
PSID @ 50 GPM	0.49	0.47	0.40	0.36	0.30

Data based on Filtration Technology Corporation Research and Development Center's standard test procedure. The reported data is based on the polypropylene filter models.

## CARTRIDGE CODING

Use the chart below to create cartridge part number for ordering. Please include dashes when creating part numbers.

	Sieva 550 Series Bag Filter	Micron Rating @ 99.00%	Media	Length	End Cap Style
EXAMPLE	HC	552	P	20	U
OPTIONS		552 = 2 Micron 555 = 5 Micron 557 = 15 Micron 558 = 50 Micron 559 = 100 Micron	*P Polypropylene	20 - 20"	U Universal

\* The raw polypropylene materials composing these filters are FDA compliant according to CFR Title 21

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