



# SIEVA™ MAX OUT SERIES



## Cost Effective Filtration

FTC introduces its Sieva Max-Out Series filter cartridges for bag filter housings.

This unique filter design converts the typical inside-to-outside bag filter flow path to an outside-to-inside flow path without permanent vessel modification. Sieva Max-Out is designed to maximize the effective surface area in a bag filter housing. This design enhances dirt holding capacity resulting in longer online life.

The Sieva Max-Out filter is designed to eliminate typical bag housing bypass issues and deliver absolute filtration efficiency. Available in a wide variety of filter media and hardware, this cartridge can be constructed with metal end caps and core for high temperature or challenging applications.

## Benefits

- Provides 20-40 times the dirt holding in a bag housing compared to standard filter bags
- Increase capacity of existing bag filter housings and provides significantly longer online life as a result
- A wide range of filter media options are available to cover most filtration applications
- Ergonomic design with folding handle allows for easy installation and extraction resulting in an operator friendly element
- Cartridge O-ring seal and absolute rated media with fixed pore structure prevents particle unloading and provides reliable results in critical applications

## Common Applications

- Amines, Glycols, Fuels, Oils, Chemicals, Produced Water, Disposal Water

## Materials of Construction

Filter Media.....Cellulose, Polypropylene, Micro-Fiberglass, Polyester & Nylon  
Center Core.....Tinned Steel, Stainless Steel  
Netting ..... Polypropylene, Nylon  
End Caps..... Polypropylene, Tinned Steel, Stainless Steel

## PRODUCT SPECIFICATIONS

Micron Ratings @ 99.00% (beta 100): 1, 2, 5, 10, 15, 25, 40 and 70 micron

Maximum Operating Conditions: 185°F (85°C) continuous operating temperature (high temp options available)

Recommended Flow Rate for Optimal Dirt Loading: 25 GPM per standard 20" filter

Maximum Recommended Flow Rate: 50 GPM Per standard 20" filter

Maximum Recommended Differential Pressure: 35 PSID

## MEDIA MICRON RATING AT EFFICIENCY

FILTER MODEL	2	3	4	5	6	7	8	9
99.00% (beta 100)	1	2	5	10	15	25	40	70
99.98% (beta 5000)	2	5	10	20	30	40	70	100

## DIRT HOLDING CAPACITY (LBS)\* per standard 20" filter

FILTER MODEL	2	3	4	5	6	7	8	9
Pounds of Solids	4.9	5.7	5.7	6.1	6.9	6.9	7.2	7.2

## CLEAN PRESSURE DROP (PSID)\* per standard 20" filter

FILTER MODEL	2	3	4	5	6	7	8	9
PSID @ 25 GPM	0.33	0.26	0.22	0.22	0.21	0.19	0.16	0.15
PSID @ 50 GPM	1.19	1.09	1.06	1.06	1.03	0.99	0.94	0.90

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 Max-Out Series	Micron Rating @ 99.00%	Cap	Media	Length	O-ring
EXAMPLE	MO	DP5	P	C	20	E
OPTIONS		2 = 1 Micron 3 = 2 Micron 4 = 5 Micron 5 = 10 Micron 6 = 15 Micron 7 = 25 Micron 8 = 40 Micron 9 = 70 Micron	*P Polypropylene M Tinned Steel S Stainless Steel	C Cellulose P Polypropylene G Micro-Glass R Polyester N Nylon 6,6	20 - 20"	B Buna-N E EPDM V Viton®

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

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