SIEVA™ 650 SERIES

Cost Effective Filtration

FTC introduces its latest generation of bag filters, the Sieva 650 Series bag filter. To create this next generation bag filter technology, FTC re-engineered the original FTC Platinum 650 style bag to maximize dirt holding capacity in a bag filter housing.

Sieva 650 bag filters are designed to meet the wide-range of solids removal needs in fluid processing industries. Not all markets and customers have the same needs requiring various bag filtration technologies to provide cost effective filtration solutions for each application. Sieva 650 bag filters are engineered to deliver optimal performance even under the most challenging conditions ensuring process reliability

Benefits

- Highest dirt holding capacity of all bag filter series
- Engineered and proven pleat design maximizes dirt holding capacity and surface area
- Wide-range of media options allows for compatibility with many fluids
- Broad range of micron ratings and efficiencies
- 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

Common Applications

- Water and Wastewater, Process Chemicals, Acids, Bases, Amines, Glycols, Brines, Machine Coolants, Distilled Spirits

Dimensions

Outside Diameter	6.25”
Inside Diameter	2.00”
Length	20" and 26“

Materials of Construction

Filter Media	Polypropylene, Micro-fiberglass, Nylon and Polyester
Center Core	Polypropylene
Netting	Polypropylene or Nylon
End Caps	Polypropylene

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FTC
FOREFRONT OF FILTRATION TECHNOLOGY

PRODUCT SPECIFICATIONS

Micron Ratings @ 99.98% (beta 5000): 0.5, 2, 5, 10, 20, 30, 40, 50, 70, 100 and 135 micron

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

Recommended Flow Rate for Optimal Dirt Loading:
25 GPM for 20" filter
35 GPM for 26" filter

Maximum Recommended Flow Rate:
100 GPM for 20" filter
125 GPM for 26" filter

Recommended Differential Pressure for change-out: 25 PSID

MEDIA MICRON RATING AT EFFICIENCY

FILTER MODEL	65D	65E	65F	65G	65H	65J	65K	65L	65M	65N
99.00% (beta 100)	0.3	1	2	5	10	15	25	40	70	100
99.98% (beta 5000)	0.5	2	5	10	20	30	40	70	100	135

DIRT HOLDING CAPACITY (LBS)* per 26" filter element

FILTER MODEL	65D	65E	65F	65G	65H	65J	65K	65L	65M	65N
Pounds of Solids (20")	16.5	18.9	21.5	21.6	22.0	22.4	23.1	24.3	24.5	24.7
Pounds of Solids (26")	16.5	18.9	21.5	21.6	22.0	22.4	23.1	24.3	24.5	24.7

CLEAN PRESSURE DROP (PSID)* per 26" filter element

FILTER MODEL	65D	65E	65F	65G	65H	65J	65K	65L	65M	65N
PSID @ 15 GPM	0.34	0.26	0.22	0.20	0.18	0.16	0.15	0.14	0.13	0.10
PSID @ 25 GPM	0.58	0.47	0.41	0.40	0.37	0.36	0.35	0.32	0.30	0.25
PSID @ 50 GPM	1.18	0.99	0.87	0.85	0.83	0.81	0.79	0.77	0.73	0.64

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 650 Series Bag Filter		Micron Rating @ 99.98%		Non-Media Components	Media	Length	Housing	O-Ring
EXAMPLE	MC	—	65E	—	P	P	26	1	E
OPTIONS			**65D** = 0.5 Micron **65E** = 2 Micron **65F** = 5 Micron **65G** = 10 Micron **65H** = 20 Micron **65J** = 30 Micron **65K** = 40 Micron **65L** = 70 Micron **65M** = 100 Micron **65N** = 135 Micron		***P** Polypropylene	***P** Polypropylene **G** Glass **N** Nylon **R** Polyester	**20** - 20" **26** - 26"	**1** FTC & Rosedale **2** FSI **5** Over-the-top style Contact FTC For Additional Cap Options	**B** Buna-N **E** EPDM **V** Viton® **U** Santoprene™

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

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