

SIEVA™ 600 SERIES



Cost Effective Filtration

FTC introduces its Sieva 600HT Series bag filter element. It is designed for high temperature applications or applications with hydrocarbons in the fluid stream.

Combining this design with the technique of pleating several filter media layers together in a single pleat pack maximizes dirt holding capacity.

The Sieva 600HT Series bag is designed to seal inside FTC Sieva bag housings without equipment modification. It is available with different filter media options to deliver optimal performance even under the most challenging conditions ensuring process reliability.

Benefits

- Provides significantly greater dirt holding than standard non-pleated bag filters
- High Temperature bag filter applications
- Excellent for bag filter applications with hydrocarbons in the stream
- Simple installation and extraction makes this an operator friendly element
- Unlike standard bag filters, this element drains trapped liquid minimizing residual fluid in the filter and housing
- O-ring seal to ensure positive capture of contaminants
- Fixed pore media prevents particle unloading
- Absolute Rated media for reliable results in any critical application

Common Applications

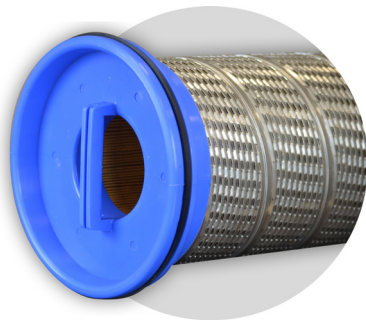
- High temperature fluids, glycols, fuels, process chemicals, various hydrocarbons, lube oils, biofuels, organic solvents, produced water, disposal water

Dimensions

Outside Diameter..... 6.00"
Inside Diameter 3.00"
Length..... 26"

Materials of Construction

Filter Media..... Cellulose, Nylon, Micro-glass, and Polyester
Potting Material High Temperature Epoxy
Support..... Tinned Steel Can Body
End Caps..... Nylon



PRODUCT SPECIFICATIONS

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

Maximum Operating Conditions: 275°F (135°C) continuous operating temperature

Recommended Flow Rate for Optimal Dirt Loading: 25 GPM

Maximum Recommended Flow Rate: 100 GPM per standard 26" filter

Recommended Differential Pressure for change-out: 25 PSID

MEDIA MICRON RATING AT EFFICIENCY

FILTER MODEL	600	601	603	605	607	608	609
99.00% (beta 100)	0.3	1	2	5	10	25	40
99.98% (beta 5000)	0.5	2	5	10	20	40	70

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

FILTER MODEL	600	601	603	605	607	608	609
Pounds of Solids	4.3	5.1	6.0	6.0	6.8	7.7	8.3

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

FILTER MODEL	600	601	603	605	607	608	609
PSID @ 25 GPM	0.55	0.45	0.36	0.30	0.26	0.21	0.19
PSID @ 50 GPM	1.03	0.62	0.51	0.43	0.35	0.30	0.26

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 600HT Bag Filter	Micron Rating @ 99.98%	End Cap Material	Media	Length	End Cap Style	Seal Material
EXAMPLE	DPW	605	N	C	26	1	B
OPTIONS		600 = 0.5 Micron 601 = 2 Micron 603 = 5 Micron 605 = 10 Micron 607 = 20 Micron 608 = 40 Micron 609 = 70 Micron	N Nylon	C Cellulose G Micro-Glass N Nylon 6,6 R Polyester	26 - 26"	1 FTC or Rosedale	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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