

SIEVA™ 100 SERIES



Cost Effective Filtration

FTC introduces its Sieva 100 Series nominal pleated bags. The introduction of the Sieva 100 Series will offer value and economy for your nominal filtration requirements while providing the reliability and high performance of a rigid filter barrel to maintain bag filter integrity.

The Sieva 100 Series pleated bag will drain more easily when changing out compared to a standard size 2 bag. As a result, loss of valuable process fluid will be minimized. Maintaining a rigid structure will eliminate bag bottoms from falling out.

Constructed with polypropylene or polyester needled felt media, the FTC Sieva 100 Series will offer significantly more surface area and dirt holding capacity than a standard size 2 nominal bag, as well as a wide range of micron ratings.

Benefits

- As much as 28 times the dirt holding capacity of a standard size 2 felt bag
- Proprietary pleat design maximizes dirt holding capacity and surface area
- Rigid bag structure to maintain integrity of filter
- Wide-range of micron ratings to meet all your nominal filtration requirements
- Simple installation into existing equipment without equipment modification
- Savings on acquisition and disposal costs and labor change outs
- Reduced system downtime

Common Applications

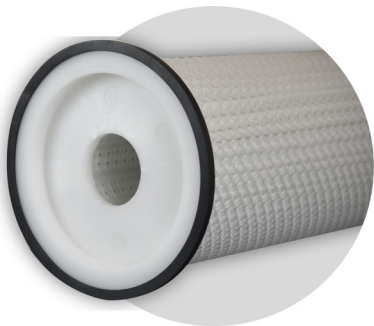
- Water and Wastewater, Process Fluids, Acids, Bases, Amines, Glycols, Brines, Machine Coolants

Dimensions

Outside Diameter..... 6.25"
 Inside Diameter 2.00"
 Length..... 24"

Materials of Construction

Filter Media..... Polypropylene and Polyester, Needled Felt
 Center Core..... Polypropylene
 Netting Polypropylene
 End Caps..... Polypropylene



PRODUCT SPECIFICATIONS

Nominal Micron Ratings:
1, 5, 10, 25, 50, 100 and 200 micron

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

Recommended Flow Rate for
Optimal Dirt Loading: 25 GPM

Maximum Recommended Flow
Rate: 200 GPM

Recommended Differential
Pressure for change-out: 25 PSID

MEDIA MICRON RATING AT EFFICIENCY

FILTER MODEL	001	005	010	025	050	100	200
Nominal	1	5	10	25	50	100	200

DIRT HOLDING CAPACITY (LBS)*

FILTER MODEL	001	005	010	025	050	100	200
Polypropylene	6.98	5.87	5.79	5.86	5.83	6.02	6.24
Polyester	6.63	6.34	6.19	6.58	7.12	6.41	6.55

CLEAN PRESSURE DROP (PSID)*

FILTER MODEL	001	005	010	025	050	100	200
PSID @ 25 GPM	0.105	0.144	0.028	0.055	0.046	0.043	0.038
PSID @ 50 GPM	0.589	0.350	0.236	0.275	0.322	0.346	0.317
PSID @ 100 GPM	1.139	1.178	1.172	1.031	1.135	1.153	1.206
PSID @ 150 GPM	2.239	2.480	2.640	2.157	2.526	2.513	3.013
PSID @ 200 GPM	4.214	4.315	4.297	3.888	4.361	4.734	5.101

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 100 Nominal Bag Series	Nominal Micron Rating	End Cap Material	Media	Length	End Cap Style	Seal Material
EXAMPLE	NB	005	P	P	24	U	B
OPTIONS		001 = 1 Micron 005 = 5 Micron 010 = 10 Micron 025 = 25 Micron 050 = 50 Micron 100 = 100 Micron 200 = 200 Micron	*P Polypropylene	P Polypropylene R Polyester	24 - 24"	U Universal	B Buna-N E EPDM

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

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