MAXIMUM CAPACITY 650 SERIES
PLEATED BAG FILTERS

FTC
FOREFRONT OF FILTRATION TECHNOLOGY

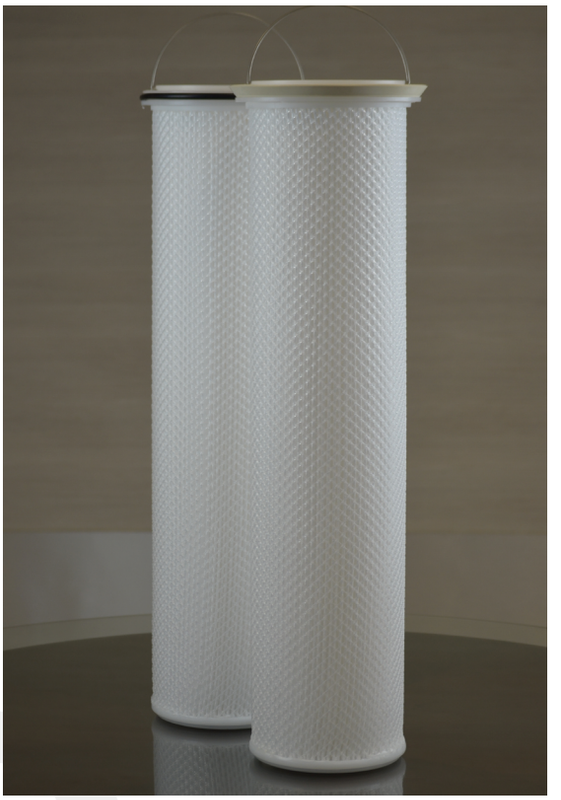
MC650-002-05-15

COST EFFECTIVE FILTRATION

FTC introduces its next generation of Pleated Bag filters, the 650 Maximum Capacity style bag.

The original FTC Platinum 650 style bag has been re-engineered to provide a greater range of micron ratings and more dirt holding capacity.

These next generation pleated bags are constructed with polypropylene components and are available in a wide variety of filter media.



BENEFITS

- Highest dirt holding capacity of all bag filter series
- Highly researched 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 Fluids, Acids, Bases, Amines, Glycols, Brines, Machine Coolants

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

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")	7.1	8.1	8.7	8.8	9.0	9.0	9.2	9.2	9.6	9.6
Pounds of Solids (26")	9.2	10.5	11.3	11.4	11.7	11.7	12.0	12.0	12.5	12.5

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 Center's standard test procedure, a modified version of ISO 19438.
The procedure uses ISO Standard test dust and deionized water as the challenge slurry. The reported data is based on the polypropylene elements.

CARTRIDGE CODING

MC	—	65E	—	P	P	20	1	E
MAX CAPACITY SERIES		MICRON RATING @ 99.98% 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		NON-MEDIA COMPONENTS *P - Polypropylene	MEDIA *P - Polypropylene G - Glass N Nylon R - Polyester	LENGTH 20 - 20" 26 - 26"	HOUSING 1 - Rosedale 2 - FSI 5 - Over-the-top style G - Plenty Contact FTC For Additional Cap Options	O-RING 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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