



MAXIMUM CAPACITY
650 STYLE PLEATED BAG

The Most Cost Effective Approach to Quality Filtration

Filtration & Membrane Technology Inc. (FMT) introduces its next generation of Pleated Bag filters, the 650 MAXIMUM CAPACITY style bag.

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

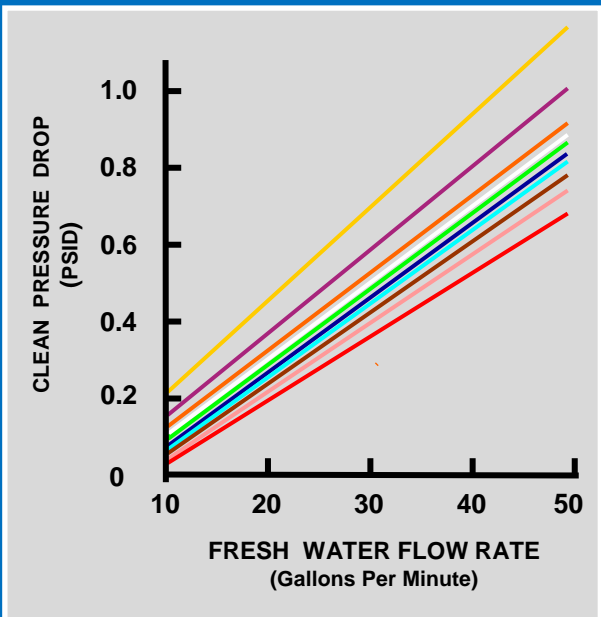
The combination of a specific pre-filtration depth media and more efficient flow channels optimizes the effective filtration surface area of the pleated filter media while maximizing its dirt holding capacity.

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

FMT's standard MAXIMUM CAPACITY style bag is constructed from all polypropylene materials. With a recommended flow rate of 25 GPM and 20 PSID change out, it is the solution to achieving optimum filtration performance while minimizing costs.



CLEAN PRESSURE DROP



DIRT HOLDING CAPACITY

FILTER CODE	POUNDS OF SOLIDS (20" L)	
	POLYPRO	CELLULOSE
C	N A	N A
D	7.1	N A
E	8.1	N A
F	8.7	7.0
G	8.8	7.1
H	9.0	7.8
J	9.0	8.3
K	9.2	8.5
L	8.6	9.6
M	9.6	N A
N	9.6	N A

BETA RATIO EXPLANATION

Beta Ratio @
micron rating (x) = β_x

$$\beta_x = \frac{\text{IPC}}{\text{EPC}}$$

IPC = Influent Particle Count
EPC = Effluent Particle Count

BETA RATIO / EFFICIENCY

Beta Ratio	Removal Efficiency
100	99.00%
1000	99.90%
5000	99.98%

FILTER EFFICIENCY

FILTER CODE	MICRON RATING	
	@ 99%	@ 99.98%
C	0.1	0.3
D	0.3	0.5
E	1.0	2.0
F	2.0	5.0
G	5.0	10.0
H	10.0	20.0
J	15.0	30.0
K	25.0	40.0
L	40.0	70.0
M	70.0	100.0
N	100.0	135.0

CARTRIDGE CODING

MAXIMUM
CAPACITY
BAG
SERIES

F M T

FILTER STYLE

65 = 650 Style

NON-MEDIA
COMPONENTS

P = 100% FDA Polypropylene

6 5 E

FILTER
EFFICIENCY

E = 2.0 Microns
@ 99.98%

FILTER MEDIA

C = Cellulose
G = Glass
N = Nylon
P = Polypropylene
R = Polyester

P P 2 0 U E

FILTER
LENGTH

20 = 20"
26 = 26"

BAG SEAL

1 = Rosedale
5 = 3M
G = Plenty
HM = Hayward
U = Universal

O-RING SEAL

B = Buna
E = EDPM
V = Viton

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