



# PLATINUM SELECT SERIES

## 700 STYLE CARTRIDGE

### *The Most Cost Effective Approach to Quality Filtration*

Filtration & membrane Technology introduces its next generation of 700 style cartridges, the PLATINUM SELECT SERIES.

The original FMT 700 style Platinum Design has been re-engineered to provide a greater range of micron ratings and more dirt holding capacity.

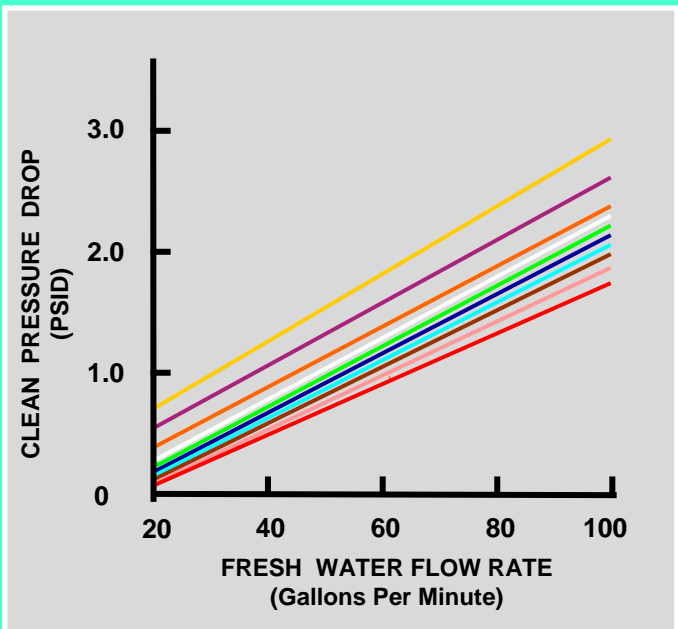
The introduction of a specific pre-filtration depth media, in conjunction with more efficient flow channels and flow chambers, provides amazing results. This combination optimizes the effective filtration surface area of the pleated filter media while maximizing dirt holding capacity.

Available in a wide variety of filter media, these next generation cartridges can be constructed with metal or non-polypropylene components for applications that involve higher temperatures.

The FMT PLATINUM SELECT standard cartridge is constructed from FDA approved polypropylene components with a recommended flow rate of 40 GPM and a 35 PSI change out differential pressure. It is the solution to achieving optimum filtration performance while minimizing costs.



### CLEAN PRESSURE DROP



### DIRT HOLDING CAPACITY

FILTER CODE	POUNDS OF SOLIDS (38" L)	
	POLYPRO	CELLULOSE
C	N A	N A
D	15.0	N A
E	17.2	N A
F	18.5	14.9
G	18.7	15.0
H	19.0	16.5
J	19.1	17.8
K	19.3	18.0
L	18.3	20.6
M	20.4	N A
N	20.4	N A

## BETA RATIO EXPLANATION

$$\text{Beta Ratio @ micron rating (x)} = \beta_x$$

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

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

PLATINUM  
SELECT  
CARTRIDGE  
SERIES

### NON-MEDIA COMPONENTS

P = 100% FDA Polypropylene  
M = Carbon Steel Components  
S = 304 Stainless Components

### FILTER MEDIA

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

### O-RING SEAL

B = Buna  
E = EDPM  
V = Viton

F M T

7 4 E

P P 4 0 6 E

### FILTER STYLE

74 = 740 Style  
72 = 720 Style  
FM = Max-Out Style

### FILTER EFFICIENCY

E = 2.0 Micron  
@ 99.98%

### FILTER LENGTH

40 = 38"  
30 = 30"  
28 = 28"  
20 = 20"

### O-RING SIZE

3 = 335  
5 = 3M Seal For 720  
6 = 226  
7 = 227  
8 = 228 (Max-Out)

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Filtration & Membrane Technology, Inc.

8342 Silvan Wind  
Houston, Texas 7704  
Phone: 713-870-1120  
Fax: 713-422-2533

[www.fmt-houston.com](http://www.fmt-houston.com)