FILTRATION TECHNOLOGY CORPORATION

740-K PLATINUM Series

ALTERNATIVE FILTERS

The Cost Effective Approach to Quality Filtration

FTC introduces its new PSK-740 PLATINUM Series absolute rated filter cartridges.

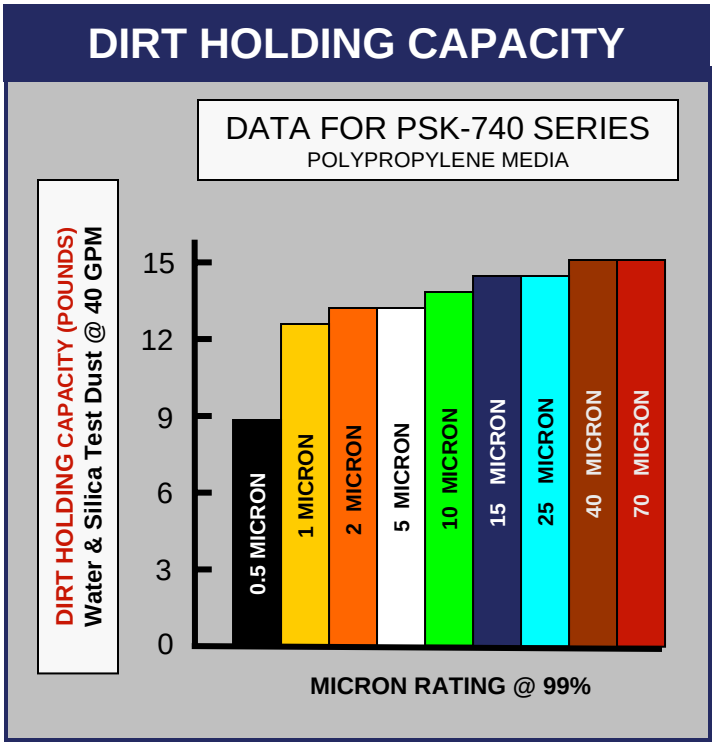
This unique design, U.S. Patent No. 5824232, uses segregated flow channels and flow chambers to maximize the effective surface area of the pleated filter media within a 6.25 inch OD cartridge. Combining this design with the technique of pleating several different filter media together in a single pleat pack maximizes dirt holding capacity.

In this series, FTC offers its customers a high dirt capacity cartridge with a heavy duty core designed to snuggly fit existing filter supports and effectively operate at pressures exceeding 75 PSID. With effective surface areas of up to 80 square feet, these cartridges can provide quality filtration at high flow rates with minimal pressure drop.

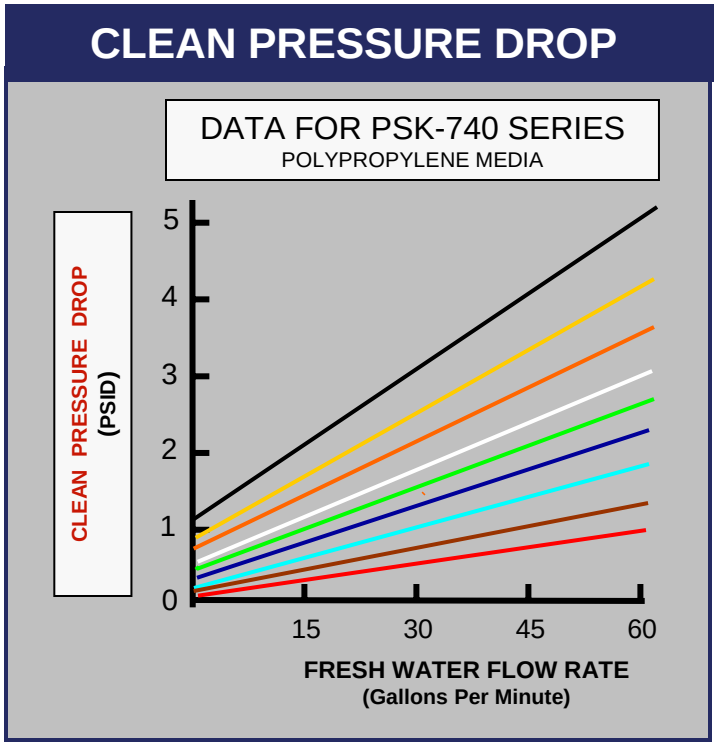
These cartridges are available in 100% FDA approved polypropylene components as required for certain applications. They can also be manufactured with cellulose, glass, or polyester media and high temperature components to provide customers with the preferred cartridge for their specific need.

FILTRATION COST EFFICIENCY

DIRT HOLDING CAPACITY



CLEAN PRESSURE DROP



FILTER EFFICIENCY

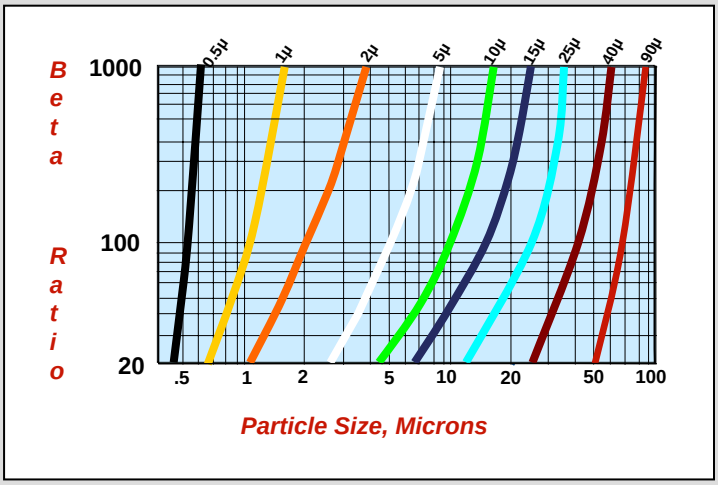
$$\text{Beta Ratio} = \frac{\text{Upstream Particle Count at Specified Size \& Larger}}{\text{Downstream Particle Count at Specified Size \& Larger}}$$

The Beta ratio (β) at a given particle size can be correlated to the filter efficiency at that particle size according to the following formula:

Filter Efficiency (%) = [(β-1)/β]x100%

Beta Ratio (β)	Filter Efficiency (%)
20	95.0
100	99.0
1000	99.9

Each filter element will have a different Beta Ratio for every specified particle size. The determination of a variety of Beta values for the same filter provides a filter efficiency profile commonly referred to as a Beta Curve.



FTC BETA CURVES

CARTRIDGE CODING

CARTRIDGE STYLE
PS = Platinum Series
K = Alternative Filter Style

LENGTH
40 - 37.875”

FILTER SEAL
(EPDM)
226 O-RING

P S K — 7 4 5 — P 4 0 6

SERIES NUMBER
740 - CARTRIDGE
(6.25” OD)

MICRON RATING @ 99% EFFICIENCY
0 - 0.5 MICRON
2 - 1 MICRON
3 - 2 MICRON
4 - 5 MICRON
5 - 10 MICRON
6 - 15 MICRON
7 - 25 MICRON
8 - 40 MICRON
9 - 70 MICRON

MEDIA
C - CELLULOSE
G - GLASS
P - POLYPROPYLENE
R - POLYESTER

FORM PSK-740 05/08

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