Filtration & Membrane Technology, Inc., (FMT) introduces its DPU-600 HI-FLOW Series, absolute rated, alternative filter element. With a 99.98% removal efficiency, it is available in filtration ranges from 0.5 to 70 microns, and is designed for low solids applications requiring high flow rates.

The unique design of this pleated element provides a large effective filter surface area within the space constraints of a standard 6” cartridge diameter. Dirt holding capacity is maximized by combining several media layers together in a single pleat pack, while flow is maximized through the use of a large ID.

The FMT DPU-600 HI-FLOW Series element is designed to fit inside existing housings and provide an O-ring seal without housing modification. It is available in a variety of filter media to meet industry standards and chemical compatibility.

With recommended flow rates of up to 500 GPM, the DPU 600 HI-FLOW Series element can accommodate high flow rates, thus providing optimum performance at minimized filtration costs.

**HI-FLOW SERIES DATA**

**DATA FOR 60” HI-FLOW SERIES**

**POLYPROPYLENE MEDIA**

<table>
<thead>
<tr>
<th>Particle Size, Microns</th>
<th>Filtration Efficiency (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5μ</td>
<td>99.98</td>
</tr>
<tr>
<td>2μ</td>
<td>99.90</td>
</tr>
<tr>
<td>5μ</td>
<td>99.90</td>
</tr>
<tr>
<td>10μ</td>
<td>99.90</td>
</tr>
<tr>
<td>20μ</td>
<td>99.90</td>
</tr>
<tr>
<td>50μ</td>
<td>99.90</td>
</tr>
<tr>
<td>100μ</td>
<td>99.90</td>
</tr>
</tbody>
</table>

**FRESH WATER FLOW RATE**

(Gallons Per Minute)

<table>
<thead>
<tr>
<th>Clean Pressure Drop (PSID)</th>
<th>Fresh Water Flow Rate (GPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>100</td>
</tr>
<tr>
<td>2.0</td>
<td>200</td>
</tr>
<tr>
<td>3.0</td>
<td>300</td>
</tr>
<tr>
<td>4.0</td>
<td>400</td>
</tr>
<tr>
<td>5.0</td>
<td>500</td>
</tr>
</tbody>
</table>

**Particle Size, Microns**
HI-FLOW FILTER SERIES

HI-FLOW SERIES CODES

P – 100% PolyPro Components
Except O-Ring Seal, Thermally Bonded End Caps (Standard)

N – Nylon End Caps, Coreless Can Body, High Temperature Epoxy End Cap Sealing

L – Acetal End Caps, Polyester Core, Polyester Outer Wrapping Thermally Bonded End Caps

M – Carbon Steel End Caps, Coreless Can Body, High Temperature Epoxy End Cap Sealing

S – 304 SS End Caps, Coreless Can Body, High Temperature Epoxy End Cap Sealing

CARTRIDGE CODING

FMT HI-FLOW “U” SERIES
ALTERNATIVE FILTERS

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

MICRON RATING
@ BETA 5000
0   - 0.5 MICRON
1   - 2 MICRON
3   - 5 MICRON
5   - 10 MICRON
7   - 20 MICRON
8   - 40 MICRON
9  - 70 MICRON

LENGTH
20  - 20.00”
40  - 40.50”
60  - 60.50”

O-RING SEAL
B- Buna
E- EPDM
V-Viton
S-Silicone
T- Teflon
Encapsulated Viton

P - HI-FLOW CAP

SERIES CODES
P- PolyPro
N- Nylon
L - Acetal
M- Carbon Steel
S- 304 SS

SERIES NUMBER
60
(6” O.D.)

Notice: The information presented here is based on tests and data which FMT believes to be reliable, but their accuracy or completeness is not guaranteed. FMT MAKES NO WARRANTIES, EXPRESS OR IMPLIED, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. The determination of whether the FMT product is fit for a particular purpose or application is the responsibility of the user.

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