DPU 600 HIGH-FLOW SERIES FILTERS

FTC
FOREFRONT OF FILTRATION TECHNOLOGY

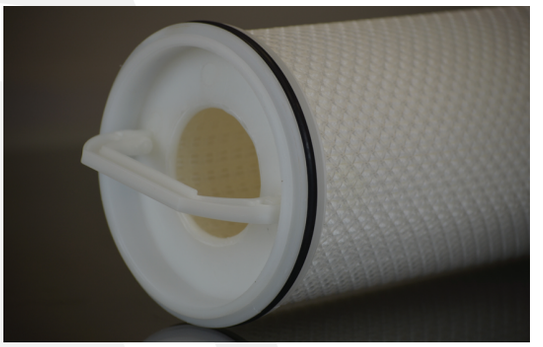
COST EFFECTIVE FILTRATION

DPU-600-002-05-15

FTC introduces its DPU-600 High Flow Series. It was originally designed for low solids applications requiring high flow rates, but it is a great option for almost any application.

The unique design of this pleated element provides a large effective filter surface area within the space constraints of a standard 6" cartridge diameter while flow is maximized through the use of a large ID.

The DPU-600 High Flow Series element is designed to fit inside existing housings and provide an positive o-ring seal without housing modification



BENEFITS

- Significantly greater dirt holding capacity than standard bag filters.
- Design allows for easy installation and extraction resulting in an operator friendly element.
- As a result of the inside to outside flow path, all filtered contaminant is contained inside the element for clean disposal.
- O-ring seal to ensure positive capture of contaminants.
- Absolute rated media with fixed pore structure prevents particle unloading and provides reliable results in critical applications.
- Superior methods of construction combined with excellent quality control, ensure FTC High Flow cartridges will provide quality filtration in difficult operating conditions.
- Liquid or gas applications

COMMON APPLICATIONS

- Water and Wastewater, Process Fluids, Acids, Bases, Hydrocarbons, Brines, Fuels, Organic Solvents, NGLs, LPG, Gas Streams

DIMENSIONS

Outside Diameter:	6.00"
Inside Diameter:	3.00"
Length:	20" , 40" and 60"

MATERIALS OF CONSTRUCTION

Filter Media:	Cellulose, Polypropylene, Nylon Micro-fiberglass and Polyester
Center Core:	Polypropylene or Polyester
Netting:	Polypropylene, Nylon and Tinned Steel or Stainless Steel Can Body
End Caps:	Polypropylene, Acetal, Nylon, Tinned Steel and Stainless Steel

PRODUCT SPECIFICATIONS

Micron Ratings @ 99.98% (beta 5000): 0.5, 2, 5, 10, 20, 40, 70, 100 and 135 micron

Maximum Operating Conditions: 185°F (85°C) continuous operating temperature

Recommended Flow Rate for Optimal Dirt Loading: 75 GPM per 60" filter

Maximum Recommended Flow Rate: 500 GPM per standard 60" filter

Recommended Differential Pressure for change-out: 35 PSID

MEDIA MICRON RATING AT EFFICIENCY

FILTER MODEL	600	601	603	605	607	608	609	610	611
99.00% (beta 100)	0.3	1	2	5	10	25	40	70	100
99.98% (beta 5000)	0.5	2	5	10	20	40	70	100	135

DIRT HOLDING CAPACITY (LBS)* *Based on standard 60" filter element*

FILTER MODEL	600	601	603	605	607	608	609	610	611
Pounds of Solids	12.2	15.5	18.2	18.7	20.4	22.5	24.0	26.1	27.5

CLEAN PRESSURE DROP (PSID)* *Based on standard 60" filter element*

FILTER MODEL	600	601	603	605	607	608	609	610	611
PSID @ 100 GPM	1.06	0.65	0.54	0.46	0.38	0.33	0.23	0.20	0.17
PSID @ 200 GPM	1.27	0.88	0.67	0.50	0.44	0.41	0.34	0.28	0.25
PSID @ 400 GPM	3.22	2.31	1.99	1.77	1.59	1.48	1.30	1.21	1.13
PSID @ 500 GPM	4.04	3.30	2.85	2.61	2.18	2.03	1.87	1.76	1.65

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

DPU	—	600	—	P	P	40	P	E
HIGH FLOW SERIES		MICRON RATING @ 99.98%		NON-MEDIA COMPONENTS	MEDIA	LENGTH	END CAP	SEAL

MICRON RATING @ 99.98%
- 600 - 0.5 Micron
- 601 - 2 Micron
- 603 - 5 Micron
- 605 - 10 Micron
- 607 - 20 Micron
- 608 - 40 Micron
- 609 - 70 Micron
- 610 - 100 Micron
- 611 - 135 Micron

NON-MEDIA COMPONENTS
- *P - Polypropylene
- N - Nylon
- M - Carbon steel
- S - 304 Stainless
- L - Acetal

MEDIA
- C - Cellulose
- G - Glass
- *P - Polypropylene
- R - Polyester
- N - Nylon

LENGTH
- 2 - 20"
- 4 - 40"
- 6 - 60"

END CAP
- P - HIgh flow

SEAL
- B - Buna-N
- E - EPDM
- V - Viton®
- S - Silicone
- T - TEV

SERIES CODE DESCRIPTIONS

P – 100% FDA Polypro Components except O-Ring seal, Thermally Bonded End Caps (Standard)
N – Nylon End Caps. Carbon Steel Can Body, High Temperature Epoxy.
L – Acetal End Caps, Nylon Outer Netting, Thermally Bonded End Caps
M – Carbon Steel End Caps, Carbon Steel Can Body, High Temperature Epoxy
S – 304 SS End Caps, Stainless Steel Can Body, High Temperature Epoxy

** The raw polypropylene materials composing these filters are FDA compliant according to CFR Title 21.*