OHF 700 SERIES FILTERS

FTC
FOREFRONT OF FILTRATION TECHNOLOGY

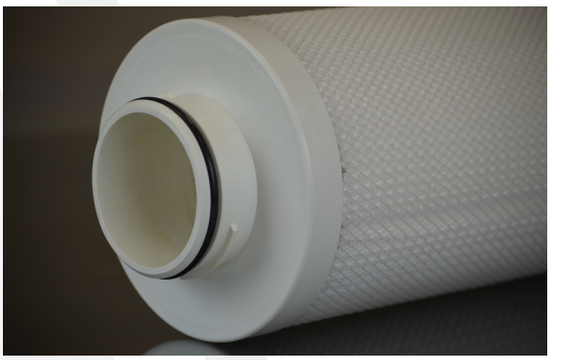
OHF-700-002-05-15

COST EFFECTIVE FILTRATION

FTC introduces its OHF Series. It is designed to as an alternative to the standard outside-to-inside flow path high flow cartridges in the market.

The unique design of FTC's pleated element provides a large effective filter surface area within the space constraints of a standard 6.5" cartridge diameter while flow is maximized through the use of a large ID.

The OHF-700 High Flow Series element is designed to fit inside existing housings and provide a positive o-ring seal without housing modification.



BENEFITS

- Significantly greater dirt holding capacity than standard cartridge filters.
- Design allows for easy installation and extraction resulting in an operator friendly element.
- O-ring seal with locking tabs 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.

COMMON APPLICATIONS

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

DIMENSIONS

Outside Diameter:	6.50"
Inside Diameter:	3.00"
Length:	40" and 60"

MATERIALS OF CONSTRUCTION

Filter Media:	Cellulose, Polypropylene, Micro-fiberglass, Nylon and Polyester
Center Core:	Polypropylene, Polyester Tinned Steel, Stainless Steel
Netting:	Polypropylene or Nylon
End Caps:	Nylon 6,6

PRODUCT SPECIFICATIONS

Micron Ratings @ 99.98%:
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:
50 GPM per standard 40" filter
75 GPM per standard 60" filter

Maximum Recommended Flow Rate:
350 GPM per standard 40" filter
500 GPM per standard 60" filter

Recommended Differential Pressure for cange-out: 35 PSID

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

OHF	—	700	—	N	P	P	40	A	E
OHF SERIES		MICRON RATING @ 99.98%		CAP MATERIAL	CORE MATERIAL	MEDIA	LENGTH	END CAP	SEAL MATERIAL
		700 - 0.5 Micron 701 - 2 Micron 703 - 5 Micron 705 - 10 Micron 707 - 20 Micron 708 - 40 Micron 709 - 70 Micron 710 - 100 Micron 711 - 135 Micron		N - Nylon	P - Polypropylene M - Tinned Steel S - Stainless Steel R - Polyester	C - Cellulose G - Glass N - Nylon P - Polypropylene R - Polyester	40 - 40" 60 - 60"	A - Standard	B - Buna-N E - EPDM V - Viton® S - Silicone

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