



PREMIUM DEEP PLEAT 740 SERIES FILTERS

Brochure Code PDP-001-10-12

COST EFFECTIVE FILTRATION

FTC is pleased to introduce its Premium Deep Pleat 700 style cartridge.

The original FTC Deep Pleat design has been re-engineered to provide a greater range of micron ratings and more dirt holding capacity.

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

BENEFITS

- *Provides much greater dirt holding than standard industry deep pleat elements*
- *Economical 740 style filter element*
- *Polypropylene and Cellulose medias will cover most filtration applications*
- *Ergonomic design allows for easy installation and extraction resulting in an operator friendly element*
- *Dual 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*

COMMON APPLICATIONS

- *Amines, Glycols, Acids, Bases, Fuels, Pre-RO, Completion Fluids, Brines, Waterflood, Produced Water, Disposal Water*



DIMENSIONS

Outside Diameter: 6.25"
Inside Diameter: 1.55"
Length: 40"

MATERIALS OF CONSTRUCTION

Filter Media: Cellulose and Polypropylene
Center Core: Polypropylene, Tinned Steel, Stainless Steel
Netting: Polypropylene, Nylon
End Caps: Polypropylene, Tinned Steel, Stainless Steel

PRODUCT SPECIFICATIONS

Micron Ratings @ 99.98% (beta 5000):
5, 10, 20, 30, 40, 70, 100 and 135 Micron

Maximum Operating Conditions:
185°F (85°C) Continuous Operating Temp

Recommended Flow Rate for Optimal Dirt Loading:
40 GPM Per standard 40" filter

Maximum Recommended Flow Rate :
100 GPM Per standard 40" filter

Maximum Recommended Differential Pressure:
35 PSID

Data based on Filtration Technology Corporation Research and Development 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 on the polypropylene elements.

MEDIA MICRON RATING AT EFFICIENCY

FILTER MODEL	74F	74G	74H	74J	74K	74L	74M	74N
99.00% (beta 100)	2	5	10	15	25	40	70	100
99.98% (beta 5000)	5	10	20	30	40	70	100	135

DIRT HOLDING CAPACITY (LBS)*

Per Standard 40" Filter

FILTER MODEL	74F	74G	74H	74J	74K	74L	74M	74N
Pounds of Solids	15.3	15.5	17.3	17.8	18.4	19.2	19.4	19.6

CLEAN PRESSURE DROP (PSID)*

Per Standard 40" Filter

FILTER MODEL	74F	74G	74H	74J	74K	74L	74M	74N
PSID @ 20 GPM	0.29	0.26	0.24	0.24	0.24	0.24	0.22	0.22
PSID @ 40 GPM	0.94	0.90	0.86	0.84	0.83	0.83	0.81	0.81
PSID @ 60 GPM	1.81	1.77	1.77	1.77	1.77	1.77	1.76	1.73
PSID @ 80 GPM	2.75	2.61	2.57	2.55	2.50	2.50	2.46	2.43

CARTRIDGE CODING

PDP	74K	P	P	40	6	E
PREMIUM DEEP PLEAT SERIES	MICRON RATING 99.98%	NON-MEDIA COMPONENTS	MEDIA	LENGTH	END CAP	O-RING SEAL
	74F - 5 Micron	*P - Polypropylene	C - Cellulose	40 - 40"	6 - 226 O-ring	E - EPDM
	74G - 10 Micron	M - Carbon Steel	P - Polypropylene	30 - 30"	3 - RP Style	B - Buna
	74H - 20 Micron	S - 304 Stainless				V - Viton®
	74J - 30 Micron					
	74K - 40 Micron					
	74L - 70 Micron					
	74M - 100 Micron					
	74N - 135 Micron					

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

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