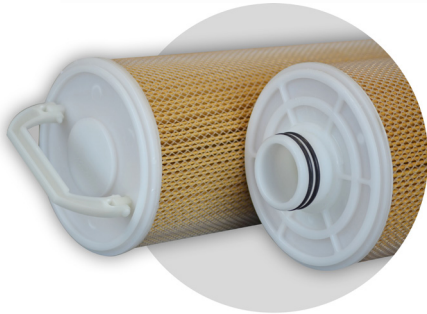
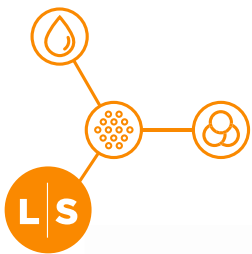


CLARIFY™ 740 PREMIUM SERIES



Cost Effective Filtration

FTC is pleased to introduce its Clarify 740 Premium 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

- Water and Wastewater, Process Fluids, Acids, Bases, Amines, Glycols, Hydrocarbons, Brines, Organic Solvents, Fuels, Coolants

Dimensions

Outside Diameter..... 6.25"

Inside Diameter1.55"

Length..... 40" and 30"

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
Acetal

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 temperature

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

Recommended Differential Pressure for Change-out: 35 PSID

Maximum Recommended Differential Pressure: 50 PSID

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	9.6

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

Data based on Filtration Technology Corporation Research and Development Center's standard test procedure.

The reported data is based on the polypropylene filter models.

CARTRIDGE CODING

Use the chart below to create cartridge part number for ordering. Please include dashes when creating part numbers.

	Clarify 740 Premium Filter Series	Micron Rating @ 99.98%	Non-Media Components	Media	Length	End Cap Style	O-Ring
EXAMPLE	PDP	74K	P	P	40	6	B
OPTIONS		74F = 5 Micron 74G = 10 Micron 74H = 20 Micron 74J = 30 Micron 74K = 40 Micron 74L = 70 Micron 74M = 100 Micron 74N = 135 Micron	*P Polypropylene M Tinned Steel S 304 Stainless L Acetal	C Cellulose P Polypropylene	30 - 30" 40 - 40"	6 - 226 O-ring 3 - R-P Style	B Buna-N E EPDM V Viton®

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

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