CLARIFY™ 740 PLATINUM SELECT SERIES

Cost Effective Filtration

The original FTC 740 style Platinum Design has been re-engineered to provide a greater range of micron ratings and more dirt holding capacity.

The introduction of a specific pre-filtration depth media, in conjunction with more efficient flow channels and flow chambers, provides amazing results. This combination optimizes the effective filtration surface area of the pleated filter media while maximizing dirt holding capacity.

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

Benefits

- Highest dirt holding capacity in 740 style cartridge
- Wide-range of media and hardware options allows for compatibility with almost any fluid
- Broad range of micron ratings and efficiencies
- Ergonomic design allows for easy installation and extraction resulting in an operator friendly element
- 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 Clarify 740 Platinum Select Series™ cartridges will provide quality filtration in difficult operating conditions

Common Applications

- Water and Wastewater, Process Fluids, Hydrocarbons, Brines, Organic Solvents, Fuels, Coolants, Acids, Bases, Plating Solutions

Dimensions

Outside Diameter	6.25”
Inside Diameter	1.55”
Length	40” and 30”

Materials of Construction

Filter Media	Polypropylene, Micro-fiberglass, Polyester, Nylon
Center Core	Polypropylene, Tinned Steel, Stainless Steel
Netting	Polypropylene, Nylon
End Caps	Polypropylene, Tinned Steel, Stainless Steel Acetal

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FTC
FOREFRONT OF FILTRATION TECHNOLOGY

PRODUCT SPECIFICATIONS

Micron Ratings @ 99.98% (beta 5000): 0.5, 2, 5, 10, 20, 30, 40, 70, 100 and 135 micron

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

Recommended Flow Rate: 40 GPM per standard 40" Filter

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

Recommended Differential Pressure for Change-out: 35 PSID

Max Recommended Differential Pressure for Change-out: 50 PSID

MEDIA MICRON RATING AT EFFICIENCY

FILTER MODEL	74D	74E	74F	74G	74H	74J	74K	74L	74M	74N
99.00% (beta 100)	0.3	1	2	5	10	15	25	40	40	100
99.98% (beta 5000)	0.5	2	5	10	20	30	40	70	100	135

DIRT HOLDING CAPACITY (LBS)* per standard 40" filter

FILTER MODEL	74D	74E	74F	74G	74H	74J	74K	74L	74M	74N
Pounds of Solids	16.5	18.9	21.5	21.6	22.0	22.4	23.1	24.3	24.5	24.7

CLEAN PRESSURE DROP (PSID)* per standard 40" filter

FILTER MODEL	74D	74E	74F	74G	74H	74J	74K	74L	74M	74N
PSID @ 20 GPM	0.93	0.62	0.24	0.21	0.19	0.19	0.19	0.19	0.19	0.19
PSID @ 40 GPM	1.78	1.14	0.87	0.85	0.81	0.79	0.78	0.78	0.78	0.76
PSID @ 60 GPM	2.97	2.24	1.71	1.67	1.67	1.67	1.67	1.67	1.66	1.63
PSID @ 80 GPM	5.63	3.77	2.53	2.36	2.34	2.33	2.25	2.25	2.22	2.19

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 Platinum Select Series		Micron Rating @ 99.98%		End Cap Material	Media	Length	End Cap Style	Seal Material
EXAMPLE	PSS	–	74K	–	P	P	40	6	E
OPTIONS			**74D** = 0.5 Micron **74E** = 2 Micron **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	**P** Polypropylene **G** Glass **N** Nylon **R** Polyester	**30** - 30" **40** - 40"	**6** - 226 O-ring **3** R-P Style	**B** Buna **E** EPDM **V** Viton®

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

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