



PLATINUM SELECT 740 SERIES FILTERS

Brochure Code PSS-001-10-12

COST EFFECTIVE FILTRATION

The original FTC 700 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 Platinum Select cartridges will provide quality filtration in difficult operating conditions*

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" and 30"

MATERIALS OF CONSTRUCTION

Filter Media: Cellulose, Polypropylene, Glass, Nylon or Polyester
Center Core: Polypropylene, Tinned Steel, Stainless Steel
Netting: Polypropylene or Nylon
End Caps: Polypropylene, Tinned Steel, Stainless Steel

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 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 based on the polypropylene
elements.*

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	70	100
99.98% (beta 5000)	0.5	2	5	10	20	30	40	70	100	135

DIRT HOLDING CAPACITY (LBS)*

Based on Standard 40" filter element

FILTER MODEL	74D	74E	74F	74G	74H	74J	74K	74L	74M	74N
Pounds of Solids	16.5	18.9	21.5	21.6	22	22.4	23.1	24.3	24.5	24.7

CLEAN PRESSURE DROP (PSID)*

Based on Standard 40" filter element

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

CARTRIDGE CODING

PSS	74K	P	P	40	6	E
PLATINUM SELECT SERIES	MICRON RATING 99.98%	NON-MEDIA COMPONENTS	MEDIA	LENGTH	END CAP	O-RING SEAL
	74D - 0.5 Micron	*P - Polypropylene	C - Cellulose	40 - 40"	6 - 226	B - Buna
	74E - 2 Micron	M - Carbon Steel	G - Glass	30 - 30"	3 - R-P Style	E - EPDM
	74F - 5 Micron	S - 304 Stainless	N - Nylon			V - Viton®
	74G - 10 Micron		P - Polypropylene			
	74H - 20 Micron		R - Polyester			
	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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PREMIUM DEEP PLEAT 740 SERIES FILTERS

Brochure Code PDP-001-10-12

COST EFFECTIVE FILTRATION

FTC is pleased to introduce its Premium Deep Pleat 740 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

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