



EMAIL: FILTRATION@JOHNBROOKS.CA

PLATINUM SELECT 740 STYLE FILTERS

PSS-740-05-15

COST EFFECTIVE FILTRATION

The original HART 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 JBCL Platinum Select cartridges will provide quality filtration in difficult operating conditions

COMMON APPLICATIONS

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

DIMENSIONS

Outside Diameter: 6.25"
Inside Diameter: 1.55"
Length: 40" and 30"



MATERIALS OF CONSTRUCTION

Filter Media: Cellulose, Polypropylene, Micro-fiberglass, 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
temperature

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

Maximum Recommended Flow Rate:
100 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	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)* *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	22.0	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
	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 - Carbon Steel S - 304 Stainless	C - Cellulose G - Glass N - Nylon P - Polypropylene R - Polyester	30 - 30" 40 - 40"	6 - 226 (Standard 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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1-877-624-5757
www.johnbrooks.ca