

FI3739 Series Filter Cartridges



Facet FI3739 Series filter cartridges provide high efficiency and economical filtration of fluids in a wide variety of applications. These applications include petrochemical, oil and gas, and other related industries.

Facet FI3739 Series filter cartridges are available in several basic types of medias:

- Glass Cellulose
- Cellulose
- Polyester blend

These filter cartridges are 3.75" OD by 2.20" ID and are 38.56" nominal length. They are offered in various micron grades and ratings, which provide absolute micron ratings with Beta >200 at the stated micron rating.

Facet FI3739 Series filter cartridges are manufactured with pleated media, metal end caps with an internal O-ring seal, metal center tube, and a nylon outer sleeve for pleat stability.

This construction allows the cartridge to withstand a differential pressure of 100 psid and temperatures of 275 °F. The pleated design offers a large effective surface area from 45-60 square feet, depending on the media and micron size used.

Benefits

- Lifting handle for easy cartridge removal
- Tin plated metal end caps
- Tin plated metal, spiral, perforated center tube
- O-ring seal with a variety of elastomers available
- Nylon mesh outer sleeve
- Pleated medias for high surface area and dirt holding capacity
- Absolute micron ratings: 1-50 micron
- Epoxy adhesives

Replacements for:

- Porous Media
- Pall
- Royal
- and others

FI3739 Series Filter Cartridges

PERFORMANCE SPECIFICATION

MEDIA	ABSOLUTE REMOVAL MICRON					
	2	5	10	20	30	50
Glass/Cellulose	•	•	•			
Cellulose				•	•	•
Polyester Blend		•	•	•		•

MATERIALS

Filter media options:

2 - 10 µm: Glass Cellulose

20 - 50 µm: Cellulose

5 - 20, 50 µm: Polyester Blend

Gasket Materials:

Standard: Buna-N

Optional: Other gasket material available

Components:

Center Core: Tin Plated, Spiral Perforated Steel Core

End Caps: Tin Plated Steel

Outer Body: Nylon Mesh Sleeve

Adhesives: Epoxy

FILTER SIZES AND DIMENSIONS

SERIES	DIMENSIONS					
	OD		ID		LENGTH	
	in	mm	in	mm	in	mm
FI3739C2A	3 ¾	95	2 ⅓	56	38 14/25	979
FI3739C5A	3 ¾	95	2 ⅓	56	38 14/25	979
FI3739C10A	3 ¾	95	2 ⅓	56	38 14/25	979
FI3739C20A	3 ¾	95	2 ⅓	56	38 14/25	979
FI3739C30A	3 ¾	95	2 ⅓	56	38 14/25	979
FI3739C50A	3 ¾	95	2 ⅓	56	38 14/25	979
FI3739K5A	3 ¾	95	2 ⅓	56	38 14/25	979
FI3739K10A	3 ¾	95	2 ⅓	56	38 14/25	979
FI3739K20A	3 ¾	95	2 ⅓	56	38 14/25	979
FI3739K50A	3 ¾	95	2 ⅓	56	38 14/25	979

Note: The dimensions are nominal. There are many other sizes and combinations, not listed here, that are available. Please call us for assistance with special configurations.

TEMPERATURE / COMPATIBILITY GUIDE

MEDIA	MAXIMUM TEMPERATURE	pH RANGE	PETROLEUM PRODUCTS	CHEMICALS	AQUEOUS SOLUTIONS
Glass/Cellulose	250 °F	5 - 9	Excellent	Good	Excellent
Cellulose	250 °F	5 - 9	Excellent	Good	Fair
Polyester Blend	250 °F	5 - 9	Excellent	Good	Fair

CARTRIDGE ORDERING INFORMATION

SERIES	MEDIA	MICRON RATING	SPECIAL FEATURES
FI3739	C	5	A
	C = Glass Cellulose or Cellulose K = Polyester Blend	2, 5, 10, 20, 30, 50	A = Absolute