

## FI3739 Series Filter Cartridges



### DESCRIPTION

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:

- Jonell
- Porous Media
- Pall
- Royal
- And others

*Due to our continuing program of improvement, specifications are subject to change without notice.*

**PERFORMANCE SPECIFICATION**

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

**MATERIALS OF CONSTRUCTION**

**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	OD (inches)	ID (inches)	LENGTH (inches)
FI3739C2A	3.75	2.20	38.56
FI3739C5A	3.75	2.20	38.56
FI3739C10A	3.75	2.20	38.56
FI3739C20A	3.75	2.20	38.56
FI3739C30A	3.75	2.20	38.56
FI3739C50A	3.75	2.20	38.56
FI3739K5A	3.75	2.20	38.56
FI3739K10A	3.75	2.20	38.56
FI3739K20A	3.75	2.20	38.56
FI3739K50A	3.75	2.20	38.56

Note: The dimensions are nominal. These are standard sizes. Many other sizes and combination are available. Please call us for special sizes.

**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	DIMENSIONS	MEDIA	MICRON RATING	SPECIAL FEATURES
FI	3739	C	5	A
	See Filter Sizes and Dimensions Table	C = Glass Cellulose or Cellulose K = Polyester Blend	2, 5, 10, 20, 30, 50	A = Absolute