



Facet FA Series microfilters offer superior filtration for removing ultra-fine solid contaminants such as rust, scale, granular and other types of solids from aviation fuel systems. They are designed to flow from the outside to inside and qualified at a rate of 4.69 gallons (17.75 liter) per minute per inch of length.

Facet FA Series microfilters are manufactured using proprietary combinations of Micro Fiberglass and Cellulose to achieve the desired removal rating. The pleated filter media in the FA Series is supported by epoxy coated wire to ensure mechanical stability.

**BENEFITS**

- Synthetic media provides high efficiencies, superior strength and durability
- One piece construction reduces downtime, cartridge change-out costs and eliminates filter bypass concerns
- Retention ratings available in 1, 2, and 3 microns
- All metal components are treated against corrosion. Spirally wound core reduces weight resulting in lower freight costs

**STANDARD DESIGN FEATURES**

- Flow rate: 4.69 gallon per minute / inch
- Removal Efficiency: Effluent solids <0.15 mg/liter
- Structural Strength: <72.5 psig

**MATERIALS**

- Filter Media: Micro Fiberglass / Cellulose, Wire-backed
- End Caps: Steel Powder Coated
- Center Tube: Spiral Wound Steel Powder Coated
- Gaskets: Buna-N
- Adhesive: Plastisol

**FILTER SIZE AND DIMENSIONS**

| MODEL    | MICRON | OUTSIDE DIAMETER |     | INSIDE DIAMETER |     | NOMINAL LENGTH |      |
|----------|--------|------------------|-----|-----------------|-----|----------------|------|
|          |        | in.              | mm. | in.             | mm. | in.            | mm.  |
| FA-614-1 | 1      | 6"               | 150 | 3½"             | 90  | 14½"           | 370  |
| FA-628-1 | 1      | 6"               | 150 | 3½"             | 90  | 28¾"           | 730  |
| FA-644-1 | 1      | 6"               | 150 | 3½"             | 90  | 43¼"           | 1090 |
| FA-614-2 | 2      | 6"               | 150 | 3½"             | 90  | 14½"           | 370  |
| FA-628-2 | 2      | 6"               | 150 | 3½"             | 90  | 28¾"           | 730  |
| FA-644-2 | 2      | 6"               | 150 | 3½"             | 90  | 43¼"           | 1090 |
| FA-614-3 | 3      | 6"               | 150 | 3½"             | 90  | 14½"           | 370  |
| FA-628-3 | 3      | 6"               | 150 | 3½"             | 90  | 28¾"           | 730  |
| FA-644-3 | 3      | 6"               | 150 | 3½"             | 90  | 43¼"           | 1090 |

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