

EI1590 3rd Edition Qualified Microfilters

FO-6XXA1, A2, A3 and A5 Series
Up to Three Times Greater Solids
Capacity



DESCRIPTION

Primarily designed to be used as prefilter (micronic) cartridges for use in jet fuel handling systems.

Used to extend the life of coalescer cartridges in filter/separator vessels described in EI 1581.

Parker HFFD has qualified cellulose and microfiberglass media filter cartridges to EI Specification 1590 3rd Edition, "Specifications and Qualification Procedures for Aviation Fuel Microfilters."

APPLICATIONS

Parker Velcon pleated media cartridges are suitable for a broad range of polar and non-polar fluids.

Recommended for applications where the contaminant is granular & hard, allowing maximum utilization of the high surface area and depth media.



CONTACT INFORMATION:

Parker Hannifin Corporation
Hydraulic & Fuel Filtration Division
1210 Garden of the Gods Road
Colorado Springs, CO 80907

tel +1 719 531 5855
fax +1 719 531 5690
vfsales@parker.com

www.velcon.com | www.parker.com

PRODUCT FEATURES:

- **UP TO THREE TIMES GREATER SOLIDS CAPACITY** than regular pleated paper cartridges
- **Large Surface Area** – Allows high flow rate with low initial pressure drop and maximum contaminant holding capacity.
- **Resin Impregnated Microglass Media** – Maintains strength, resists effects of water and heat.
- **75 psi Collapse Strength** – Heavy gauge aluminized steel center tube and injection molded end caps give safety margin against pressure surges.
- **Aluminized Steel Components** – Resist corrosion from most industrial fluids.
- **Buna-N Gaskets** – The best general gasket material available assures positive seal in most fluids.
- **Urethane Bonding Material** – Endcaps urethane-bonded to media to prevent internal bypassing
- **98%+ Filtration Efficiency**
- **Threaded Base end cap configuration also available**



ENGINEERING YOUR SUCCESS.

CARTRIDGE INFORMATION

MODEL NUMBER	DIMENSIONS	OUTER WRAP	END CAP STYLE	EFFICIENCY (µm)	MAXIMUM FLOW RATE (GPM)
FO-614A1	6" x 14½" x 3½" ID	YES	OPEN END	1	58
FO-614A1TB	6" x 14½" x 3½" ID	YES	THREADED BASE		52
FO-629A1	6" x 29" x 3½" ID	YES	OPEN END		116
FO-629A1TB	6" x 29" x 3½" ID	YES	THREADED BASE		110
FO-644A1	6" x 44" x 3½" ID	YES	OPEN END		176
FO-644A1TB	6" x 44" x 3½" ID	YES	THREADED BASE		170
FO-656A1	6" x 56" x 3½" ID	YES	OPEN END		224
FO-656A1TB	6" x 56" x 3½" ID	YES	THREADED BASE		218
FO-614A2	6" x 14½" x 3½" ID	YES	OPEN END	2	58
FO-614A2TB	6" x 14½" x 3½" ID	YES	THREADED BASE		52
FO-629A2	6" x 29" x 3½" ID	YES	OPEN END		116
FO-629A2TB	6" x 29" x 3½" ID	YES	THREADED BASE		110
FO-644A2	6" x 44" x 3½" ID	YES	OPEN END		176
FO-644A2TB	6" x 44" x 3½" ID	YES	THREADED BASE		170
FO-656A2	6" x 56" x 3½" ID	YES	OPEN END		224
FO-656A2TB	6" x 56" x 3½" ID	YES	THREADED BASE		218
FO-614A3	6" x 14½" x 3½" ID	YES	OPEN END	3	58
FO-614A3TB	6" x 14½" x 3½" ID	YES	THREADED BASE		52
FO-629A3	6" x 29" x 3½" ID	YES	OPEN END		116
FO-629A3TB	6" x 29" x 3½" ID	YES	THREADED BASE		110
FO-644A3	6" x 44" x 3½" ID	YES	OPEN END		176
FO-644A3TB	6" x 44" x 3½" ID	YES	THREADED BASE		170
FO-656A3	6" x 56" x 3½" ID	YES	OPEN END		224
FO-656A3TB	6" x 56" x 3½" ID	YES	THREADED BASE		218
FO-614A5	6" x 14½" x 3½" ID	YES	OPEN END	5	58
FO-614A5TB	6" x 14½" x 3½" ID	YES	THREADED BASE		52
FO-629A5	6" x 29" x 3½" ID	YES	OPEN END		116
FO-629A5TB	6" x 29" x 3½" ID	YES	THREADED BASE		110
FO-644A5	6" x 44" x 3½" ID	YES	OPEN END		176
FO-644A5TB	6" x 44" x 3½" ID	YES	THREADED BASE		170
FO-656A5	6" x 56" x 3½" ID	YES	OPEN END		224
FO-656A5TB	6" x 56" x 3½" ID	YES	THREADED BASE		218

SPECIFICATIONS

- 75 psi Collapse strength
- 1,2, 3 & 5 micron efficiency (per EI 1590)
- 5 - 9 Operating pH range
- 250°F Maximum operating temperature
- Qualified to EI1590 3rd Edition Specifications

