

EI 1590 Qualified Filter Cartridges

Long-lasting, High Capacity & Efficient Performance

Up to Three Times Greater Solids Capacity

FO-6xxA3, FOH-6xxA3, HFS Series

- 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.

DESCRIPTION

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

- 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 Microfiberglass/Cellulose Media – Maintains strength, resists effects of water and heat.
- 75 psi Collapse Strength – Heavy gauge carbon steel endcaps and center tube give safety margin against pressure surges.
- Coated Steel Components – Resist corrosion from most industrial fluids.
- Corrugated Media – Prevents pleat pinch-off, assuring all filtration media is utilized.

- Buna-N Gaskets – The best general gasket material available assures positive seal in most fluids.
- Epoxy Bonding Material – Endcaps epoxy-bonded to media to prevent internal bypassing
- 98%+ Filtration Efficiency
- Threaded Base also available

SPECIFICATIONS

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

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.



FOH-644A1K

HFS-14605

CARTRIDGE INFORMATION

Parker Velcon MODEL NUMBER	DIMENSIONS	OUTER WRAP	EI MICRON EFFICIENCY	MAXIMUM FLOW RATE
FO-614A3	6" x 14 ¹ / ₂ " x 3 ¹ / ₂ " ID	NO	3	53
FO-614A3TB	6" x 14 ¹ / ₂ " x 3 ¹ / ₂ " ID	NO	3	47
FO-629A3	6" x 29" x 3 ¹ / ₂ " ID	YES	3	111
FO-629A3TB	6" x 29" x 3 ¹ / ₂ " ID	YES	3	105
FO-644A3	6" x 44" x 3 ¹ / ₂ " ID	YES	3	171
FO-644A3TB	6" x 44" x 3 ¹ / ₂ " ID	YES	3	165
FO-656A3	6" x 56" x 3 ¹ / ₂ " ID	YES	3	219
FO-656A3TB	6" x 56" x 3 ¹ / ₂ " ID	YES	3	213
HFS-14601	6" x 14" x 3 ¹ / ₂ " ID	NO	1	60
HFS-14601-S	6" x 14" x 3 ¹ / ₂ " ID	NO	1	60
HFS-14601-TB	6" x 14" x 3 ¹ / ₂ " ID	NO	1	60
HFS-14605	6" x 14" x 3 ¹ / ₂ " ID	NO	5	60
HFS-14605-S	6" x 14" x 3 ¹ / ₂ " ID	NO	5	60
HFS-14605-TB	6" x 14" x 3 ¹ / ₂ " ID	NO	5	60
HFS-28601	6" x 28" x 3 ¹ / ₂ " ID	NO	1	125
HFS-28601-S	6" x 28" x 3 ¹ / ₂ " ID	NO	1	125
HFS-28601-TB	6" x 28" x 3 ¹ / ₂ " ID	NO	1	125
HFS-28605	6" x 28" x 3 ¹ / ₂ " ID	NO	5	125
HFS-28605-S	6" x 28" x 3 ¹ / ₂ " ID	NO	5	125
HFS-28605-TB	6" x 28" x 3 ¹ / ₂ " ID	NO	5	125
HFS-43601	6" x 43" x 3 ¹ / ₂ " ID	NO	1	195
HFS-43601-S	6" x 43" x 3 ¹ / ₂ " ID	NO	1	195
HFS-43601-TB	6" x 43"	NO	1	191
HFS-43605	6" x 43" x 3 ¹ / ₂ " ID	NO	5	195
HFS-43605-S	6" x 43" x 3 ¹ / ₂ " ID	NO	5	195
HFS-43605-TB	6" x 43" x 3 ¹ / ₂ " ID	NO	5	195