

**FOR MAXIMUM WATER ABSORPTION, SOLIDS HOLDING CAPACITY AND SHUTDOWN PROTECTION TO ASSURE CLEAN, DRY FUEL**

The Facet 6" (152 mm) nominal outside diameter FG Series Fuel-Gard® monitor cartridges perform three jobs to give you clean, dry fuel. They absorb free and emulsified water, remove ultra-fine solids, and shut down system flow when hit with a localized slug of water. They are designed to flow from inside to outside at a rate of 4 gallons (15.14 liters) per inch of length.

Facet FG Series Fuel-Gard® monitor cartridges meet the 4th edition of EI 1583 Specifications and Qualification Procedures—Aviation Fuel Monitors With Absorbent Type Elements.

The presence of water or solids in the incoming fuel will be indicated by an increase in the pressure differential or a decrease in the flow rate as the cartridge reaches its maximum capacity for solids, water or a combination of both. When either happens, the cartridges should be replaced.

Each FG Series Fuel-Gard® monitor cartridge is constructed of various water absorbent media, plus fine filtration layers pleated to give you long life. The perforated metal center tube provides for balanced flow and structural strength to protect against back flow caused by sudden shutdown of the system. The inner and outer shells are of heavy duty metal. The inner shell supports both the pleated section and absorbent media when hit with a localized slug of water. The outer shell retains the media during and after shutdown.

STANDARD DESIGN FEATURES

- Tested and qualified to meet 4th edition of EI 1583 Specifications and Qualification Procedures—Aviation Fuel Filter Monitors With Absorbent Type Elements
- Multi-layered media for increased solids holding, water removal and shutdown protection
- All metal components are treated against corrosion
- Structurally withstands a minimum of 174 psid
- Heavy duty metal center tube and outer shell for extra structural strength
- Buna-N gaskets—Viton available on request
- Not adversely affected by exposure to temperatures varying from -65°F to 160°F



FG Series Fuel-Gard® EI 1583 Monitor Cartridges 6" O.D. - Inside/Outside Flow

DATA

MODEL NUMBER	NOMINAL LENGTH		OUTSIDE DIAMETER		INSIDE DIAMETER	
	in.	mm.	in.	mm.	in.	mm.
FG-I-611-2	11¼	290	6	152	3½	89
FG-I-614SB-2	14½	370	6	152	3½	89
FG-I-614-2	14½	370	6	152	3½	89
FG-I-616SB-2	16	405	6	152	3½	89
FG-I-622SB-2	22¼	560	6	152	3½	89
FG-I-622-2	22½	560	6	152	3½	89
FG-I-628SB-2	28¾	730	6	152	3½	89
FG-I-628-2	28¾	730	6	152	3½	89
FG-I-629SB-2	28¾	730	6	152	3½	89
FG-I-633SB-2	33¼	840	6	152	3½	89
FG-I-633-2	33¼	840	6	152	3½	89
FG-I-638SB-2	38	960	6	152	3½	89
FG-I-638-2	38	960	6	152	3½	89
FG-I-643SB-2	43	1050	6	152	3½	89
FG-I-643-2	43	1050	6	152	3½	89
FG-I-656SB-2	57¼	1450	6	152	3½	89
FG-I-656-2	57¼	1450	6	152	3½	89

Caution: Monitor cartridges should never be used with fuels containing anti-icing additive (FSII, PRIST, DI-EGME). This includes pre-mixed and Military fuels containing this additive.