

FG Model 2" Fuel-Gard® EI 1583 Monitor Cartridges 2" O.D. Outside/Inside Flow



The PECOFacet 2" (51 mm) nominal outside model FG Fuel-Gard® monitor cartridges perform three jobs — they absorb free and emulsified water, remove ultra-fine solids and shut down system flow when hit with a localized slug of water, giving you clean, dry fuel. The FG model Fuel-Gard® monitor cartridges are designed to flow from the outside to inside at a rate of 1 gallon (3.79 liters) per inch of length.

Fuel-Gard® monitor cartridges meet the 6th Edition of EI 1583 Specifications and Qualification Procedures — Aviation Fuel Filter 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 cartridges reach their maximum capacity for solids, water or a combination of both. When either happens, the cartridges should be replaced.

Each FG model Fuel-Gard® monitor cartridge is constructed of various water absorbent media, plus fine filtration layers wrapped around a molded center tube for balanced flow and structural strength — all encased in a protective outer sock material. The end cap material is of injection molded, glass-filled nylon which provides superior strength and ease of maintenance. This material gives excellent support for the o-ring on the mounting/adaptor end.

MODEL	LENGTH		OD		ID	
	inches	mm	inches	mm	inches	mm
FG-205-6	5 7/8	150	1 3/4	45	7/8	23
FG-207-6	7 1/16	195	1 3/4	45	7/8	23
FG-210-6	10 7/8	277	1 3/4	45	7/8	23
FG-215-6	15 7/8	404	1 3/4	45	7/8	23
FG-217-6	17 7/8	454	1 3/4	45	7/8	23
FG-220-6	20 7/8	531	1 3/4	45	7/8	23
FG-225-6	25 7/8	658	1 3/4	45	7/8	23
FG-230-6	30 7/8	785	1 3/4	45	7/8	23

STANDARD DESIGN FEATURES

- Tested and qualified to meet the 6th 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
- New conductive end caps with anti-static properties which greatly reduce the possibility of static discharge during the fueling process
- Structurally withstands a minimum of 174 psid
- Not adversely affected by exposure to temperatures varying from -65°F (-54°C) to 160°F (71°C)

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.