

Gas Filter Separator Elements

ESS Corp EFG Series Gas Filter Separator elements are designed to replace Peco, King Tool, Peerless, Facet and others.

The direction of flow is outside to in. 3.5", 4.5" and 5.5" diameters are available in lengths up to 72". Nominal micron ratings of 10, 5, 1, 0.5, and 0.3 are available.

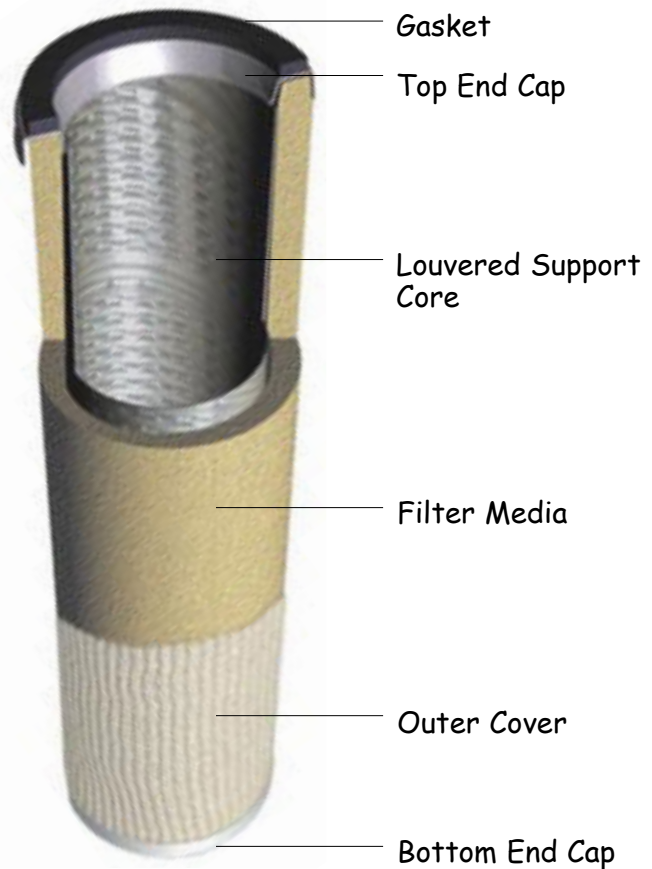
ESS Corp EFG Series elements also provide excellent dry gas filtration.

Materials of Construction

Standard element construction includes:
 Molded fiberglass media designed to efficiently coalesce free liquids for second stage removal while delivering high solids holding capacity.
 Plated steel end caps and cores which are mechanically joined to ensure the integrity of the element.
 A cotton outer cover to protect the element and the operator during installation.

Recommended Operating Limits

Maximum Operating Temperature..... 275°F
 Minimum Operating Temperature..... 60°F
 Change out Differential..... 15 PSID
 Maximum Differential..... >75 PSID



Gas Particulate Filter Elements

ESS Corp EPM Series Gas Particulate Filter elements are designed to replace Peco, King Tool, Peerless, Pall, and other manufacturers' original elements.

The direction of Flow is outside to in. A wide variety of medias and configurations are available in micron ratings as low as beta 5000 at 1 micron.

ESS Corp EPM Series gas elements offer high solids capacities and resistance to liquids.

MATERIALS OF CONSTRUCTION

Standard element construction includes:
 Polypropylene, Polyester, Micro-Fiberglass, or Cellulose Synthetic media packs bonded to plated carbon steel end caps. These medias are also available with stainless steel hardware using plastisol or epoxy potting compounds.
 Media packs are pleated for low initial differential pressures and maximum service life.

RECOMMENDED OPERATING LIMITS

Change out Differential..... 15 PSID
 Maximum Differential >50 PSID
 EPMP Polypropylene
 Maximum Operating Temperature 175°F
 Minimum Operating Temperature - 60°F
 EPME Polyester
 Maximum Operating Temperature 240°F
 Minimum Operating Temperature - 60°F
 EPMG Fiberglass
 Maximum Operating Temperature 275°F
 Minimum Operating Temperature - 60°F
 EPMK Cellulose Synthetic Blend
 Maximum Operating Temperature 240°F
 Minimum Operating Temperature - 60°F

Note: Operating limits are for standard construction and may be affected by the use of alternative materials for ancillary components.

Series	Media				Core and End Caps		Adhesives	
	Polypropylene	Polyester	Fiberglass	Cellulose	Steel	Stainless	Plastisol	Epoxy
EPMP	S				S	A	S	A
EPME		S			S	A	S	A
EPMG			S		S	A	S	A
EPMK				S	S	A	S	A

S = Standard A = Available



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