



PERRY EQUIPMENT CORPORATION

ISO 9001

Gas Elements Fiberglass Type

PECO® Fiberglass Elements are specifically designed to give fine filtration, high solid contaminant retention and efficient coalescing of liquid mists and fogs that can be mechanically removed from a gas stream.

The seamless fiberglass tubes are specifically designed as filtration/coalescing tubes. They are manufactured utilizing high density graded fiberglass and are of single piece construction to eliminate splitting and by-passing. Available in various dimensions and micron ranges, the PECO® Fiberglass Elements are used in wet and/or dry gas applications. Standard flow direction is outside-to-inside.



Elements are designed to fit PECO Vessel Series 70 & 75 for high volume applications and PECO Series 85.

Construction

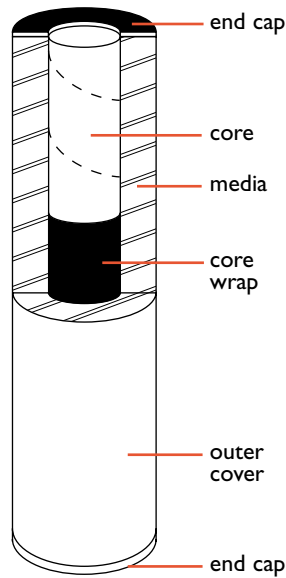
- **Media:** Phenolic impregnated seamless fiberglass tube
- **Core:** Spiral wound, louvered, carbon steel
- **End Caps:** Carbon steel. End cap mechanically attached to core
- **Outer Cover:** Cotton sock
- **Gasket:** Flat buna-n

Operational Data

- **Recommended Initial ΔP :** ≤ 2 psid
- **Recommended Element Change ΔP :** 12-14 psid
- **Core Strength:**
 - 3.5" O.D. elements – 120 psid
 - 4.5" O.D. elements – 50 psid (145 psid also available)
 - 5.5" O.D. elements – 35 psid
- **Maximum Operating Temp:** 240° F
- **Recommend torque to seal filters:** 8-10 ft-lb

PRODUCT ADVANTAGES

- Efficient coalescing of liquid mists and fogs from gas stream
- Seamless fiberglass, no splitting or by-passing
- Can be used in wet and/or dry gas applications
- High density graded fiberglass



ADVANTAGE
No splitting or
by-passing!

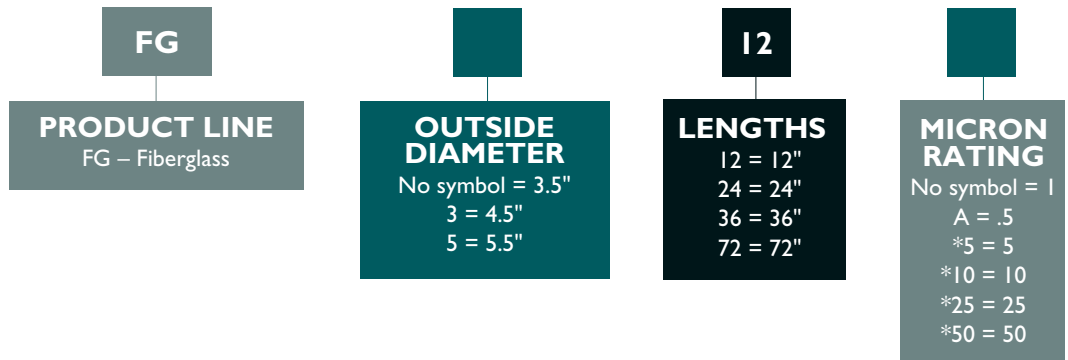
Specification Data

Element	ID Inches (mm)	OD Inches (mm)	LENGTH Inches (mm)	SURFACE Area sq. ft. (sq. m)
FG-12	2.06 (52.23)	3.50 (88.90)	12 (305)	.89 (.0827)
FG-24	2.06 (52.23)	3.50 (88.90)	24 (610)	1.78 (.1654)
FG-36	2.06 (52.23)	3.50 (88.90)	38 (914)	2.68 (.2490)
FG-72	2.06 (52.23)	3.50 (88.90)	72 (1829)	5.35 (.4970)
FG-312	3.12 (79.25)	4.50 (114.30)	12 (305)	1.22 (.1133)
FG-324	3.12 (79.25)	4.50 (114.30)	24 (510)	2.44 (.2267)
FG-336	3.12 (79.25)	4.50 (114.30)	36 (914)	3.86 (.3400)
FG-372	3.12 (79.25)	4.50 (114.30)	72 (1829)	7.33 (.6810)
FG-536	4.18 (106.17)	5.75 (139.70)	36 (914)	4.36 (.4051)
FG-572	4.18 (106.17)	5.75 (139.70)	72 (1829)	8.72 (.8101)

Micron Ratings Available

1, 5, 10, 25, 50

Nomenclature



* Available in
4.5" O.D. filters only.



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