

Technical

The Permian FG-536-CE-G-EXT-3 has the following features:

- Beta ratios in excess of .50.
- Large dirt-holding capacity.
- Robust construction, withstanding over 45 PSI differential pressure.
- Highest quality components.

Application

The Permian FG-536-CE-G-EXT-3 element is designed to filter and coalesce extremely fine solids and liquid particles from natural gas, primarily on the suction of a compressor station. The normal flow pattern through the element is from the outside to the inside, with the coalesced liquid being drained off by the second stage mist extractor. The element is furnished with one open end, one closed end and an extension on the closed end.

Specifications

Length	36 inches
Outside diameter	5-1/2 inches
Inside diameter	4-1/8 inches
Center core	Carbon steel
Outer core	Carbon steel
End caps	Carbon steel
Gaskets	Buna N
Gasket adhesive	Polyurethane
Media	Grooved Fiberglass
Outer sock	Cotton
Efficiency	3.0 micron nominal

Recommended operating limits

Initial differential pressure	< 0.5 psi
Recommended change-out differential	15 psi (Max.)
Maximum element operating life, irrespective of differential pressure	1 year
Maximum operating temperature	300°F
Minimum operating temperature	-60°F

Note: Special metal materials are available on request, where required. Contact us for price and availability.