

TECHNICAL

The Permian PFG-536-G series have the following features:

The Permian PFG-536-G series elements are efficient filter-coalescer elements. The molded fiberglass tube is constructed of graded glass fibers, compressed to the proper density and bonded with inert phenolic binders. The fiberglass is grooved for additional surface area.

The fiberglass tube is supported with a heavy-duty, spiral locked center core for superior resistance to collapse. This center core can withstand up to 45 PSI differential pressure without collapsing.

The metal end caps are mechanically attached to the center core for structural strength. The fiberglass media is attached to the end caps with a highly resistant adhesive to prevent any possibility of by-pass.

Buna N gaskets are attached to the end caps with a polyurethane adhesive and go through a special heat treatment. The adhesive is resistant to all hydrocarbons.

The standard Permian PFG-536-G series filter element will remove particles down to one micron without excessive differential pressure build-up.

A cotton outer wrap protects the fiberglass from dirt and damage during shipment and protects the operator during element change-out.

MODELS AVAILABLE

DIMENSIONS: PART NUMBER O.D. I.D. REMARKS

PFG-536-G 36" 5-1/2" 4-1/4" OPEN BOTH ENDS

PFG-536-CE-G 36" 5-1/2" 4-1/4" CLOSED END WITH 5/8" HOLE

PFG-536-CE-G-EXT 36" 5-1/2" 4-1/4" CLOSED END WITH EXTENSION

PFG-572-G 72" 5-1/2" 4-1/4" OPEN BOTH ENDS

Note : Any of the above element models are available with a rating of 0.5 microns. To designate the 0.5 micron rated element, add a "UF" to the end of the part number. Example: PFG-536-UF-CE-G

PERFORMANCE AND OPERATING DATA

Nominal micron ratings available 5, 1, 0.5 & 0.3

Recommended maximum operating temperature 275°F

Recommended maximum change-out differential 15 PSI

Gasket material Buna N

APPLICATION

For use in Peerless Manufacturing, Perry Equipment and King Tool type filter-separators and dry gas filters that use the nominal 5-1/2"