

3-1/2" SERIES FIBERGLASS ELEMENTS

TECHNICAL

The Permian 3-1/2" series elements have the following features:

The Permian 3-1/2" 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 tube is supported with a heavy-duty, spiral locked center core for superior resistance to collapse due to high differential pressure. The center core can withstand over 75 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 3-1/2" 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.

The Permian 3-1/2" is, primarily, designed as a replacement for PECO Model FG-36 elements and are dimensionally identical.

PERFORMANCE AND OPERATING DATA

Nominal micron ratings available 10, 5, 1

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 style filter-separators and dry gas filters that use the nominal 3-1/2 inch O.D. by 36 inch long element, flowing from the outside to the inside.