



Black Gator® Wellhead Penetrators

Part # EWP • EXP



The PFT standard line of wellhead penetrators follows traditional industry design profiles ranging from 12–31 inches long. All of these penetrators are rated to 5000 psig, 5kV, 205A, temperatures up to 450° F and incorporate PEEK™ component parts. Penetrators are available in standard or HazLoc-certified designs.

Penetrator profiles vary depending on the wellhead manufacturer and the amount of space available for the penetrator in a wellhead assembly. PFT has numerous penetrator designs and profiles in our inventory to accommodate nearly any wellhead in the industry.

If one of our existing penetrators does not meet your needs we will rapidly design one to your specific wellhead requirements.

FEATURES

Black anti-corrosive and anti-galling finish

Thermoplastic insulators and pressure block

Optional 2-turn Gator Loc™ connection and I-Seal™

Available in standard or CSA, ATEX & IECEx certified versions for hazardous locations

Available in slim-line O.D. as small as 1.20"

SPECS

5000 psi (proof tested to 13,500 psi)

5kV (proof tested to 24.5kV)

205A

Up to 450° F (230° C) depending on operating requirements and conditions

HazLoc certified CSA, ATEX & IECEx, meets or exceeds IEEE standards

PEEK™ Insulator

PEEK™ is extremely well suited for all downhole applications. Depending on the material grade, PEEK™ can work continuously at 260° C (500° F). PEEK™, in comparison to molded rubber, does not take a "set" when put into compression nor is it subject to gas penetration. Combined with our oversized copper contacts, PFT Black Gator® connectors combine a longer run life with the ability to re-run components.

Connector Body Parts

Components are carbon steel and meet NACE MR0175 specifications. The black finish provides maximum corrosion protection as well as lubrication for the threaded components. Stainless steel components are also available.