



POWER FEED THROUGH CONNECTOR

PERFORMANCE IS MORE THAN OUR NAME

Performance Wellhead & Frac Components is a leading oil and gas service company specializing in surface well-control equipment and related field services utilized in all phases of drilling, well stimulation, production and intervention operations. We have established a stellar reputation for providing quality, dependable equipment, as well as exceptional field service and support functions.

Performance Wellhead & Frac Components offers a wide variety of ongoing technical and support services for customers, including on-site training and evaluations, equipment maintenance and applications engineering.

MANUFACTURING STANDARDS

All major components are manufactured per API 6A - 20th Edition or applicable industry standards and meet NACE MRO 175 specifications.

SAGD RATINGS

- 450 Deg. F. (230 Deg. C.)
- 3000 psi
- 5kV, 160A
- CSA C1D1 Approved

DESIGN FEATURES OF THE BLACK GATOR SYSTEM

The innovative design of the Black Gator® Power Feed-Thru Connectors minimizes the number of parts, reducing inventory expense, while the standardization provides the flexibility to offer several individual components. The innovative I-Seal, Gator Loc thread system and Gator Grip combine the latest technology in a proven design.

- I-Seal adaptable to all system designs
- Gator Grip provides crimpless contact, eliminating crimp force “guessing”
- Several thread profiles available (please contact us first)
- Thermoplastic (PEEK) insulator components for longer run life
- Flat armor adapter eliminates flat-to-round reconfiguration
- Carbon steel components
- Corrosion protection & lubrication with black finish (stainless steel available)
- “Floating” cable seal design allows adjustability to thermal expansion & decompression
- Cable seals sized for many cable types and material options



COMPONENT FEATURES

Surface Connectors: Available in both Standard (non-explosion) and C1D1 Explosion Proof, available with a variety of types & lengths of cable and several designs.

Lower Connector: flexible, adaptive, re-buildable, with a variety of components and the ability to accommodate various cable types and sizes.

Wellhead Penetrators: Standard or C1Di Explosion Proof versions with a variety of options.

Packer Penetrators: Both Black Gator No-Splice and Gator-PAK No-Splice penetrators eliminate vertical splices, no potting and adaptors. The Gator-PAK also combines the power sub & lower connectors into one unit. The Tri-Gator Packer Penetrator is a field attachable unit.

Gator Splice: Eliminates splicing and includes the field attachable lower connector and Gator Splice.

Gator Feed: Economical, two-piece system, using same technology as Lower Connectors.

Wellhead Adaptors: The GT6 and GT8 adaptors accommodate several sizes of tubing and the feed-thru port accepts mini-mandrel or Gator Feed.



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