



Tri-Gator[®] Packer Penetrator

Part # TG



The PFT Tri-Gator[®]* Packer Penetrator is our innovative field-attachable penetrator system, designed with a compact 0.99" O.D. profile to meet restricted-bore applications. PEEK[™] insulators and minimal use of elastomers increase the durability of this versatile no-splice unit.

FEATURES

- 3-lead system packer penetrator
- For multiple port packers, small-diameter packers or any packer with restricted spacing
- Fully field-attachable top and bottom
- No splices above or below the packer
- Proven seal technology
- PEEK[™] insulators
- Thermoplastic components

SPECS

- 5000 psi (proof tested to 13,500 psi)
- 5kV (proof tested to 24.5kV)
- 205A (depending on cable size)
- Up to 350° F (175° C) depending on operating requirements and conditions

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.

Threads

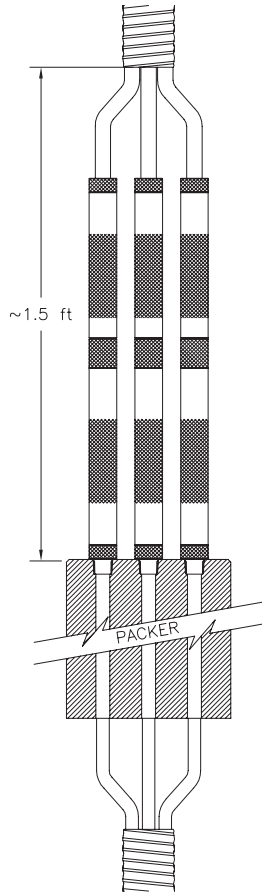
Standard systems come with 1/2" NPT bushings to thread into packer. A wide variety of thread types and diameters can be accommodated simply by specifying thread dimensions and space-out at the time of order. All crossover bushings are QPQ coated for corrosion protection and anti-galling. Please contact PFT to spec out your system.



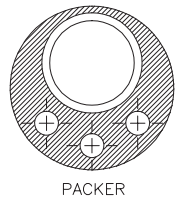
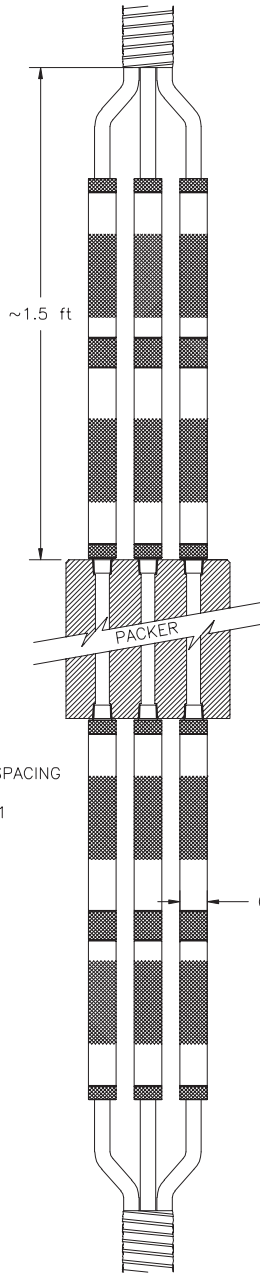
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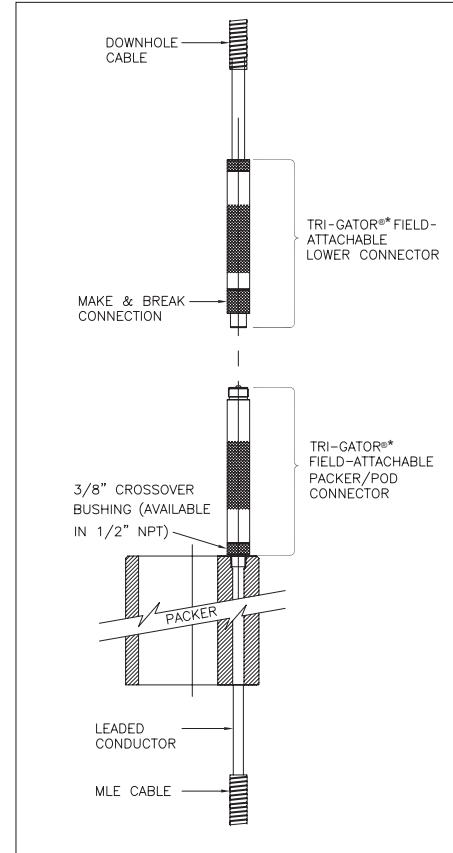
Single Interface System



Dual Interface System



PACKER
CONTACT PFT FOR SPACING
REQUIREMENTS
DOC#: 665-300-L01



PFT Tri-Gator® connector pigtails or field attachable kits #1 - #8 cable, flat or round

Ratings: 5kV, up to 205A**

Always consult with your PFT representative for confirmation of cable sizing

** Ampacity is cable dependent

All dimensions in inches