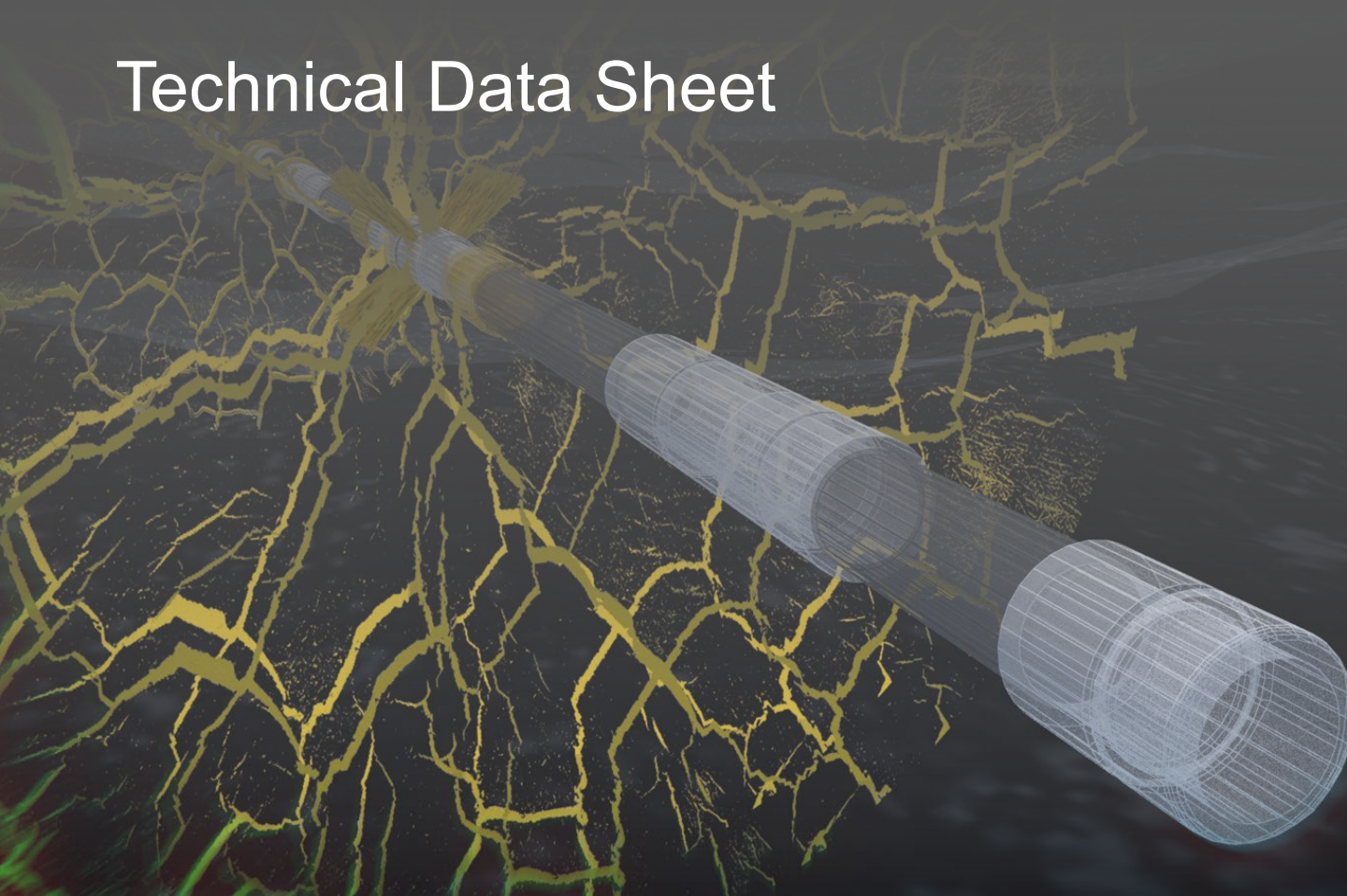




**Frontier**  
Oil Tools

# Frontier PermaSeries Liner Top Packer

Technical Data Sheet



## OVERVIEW

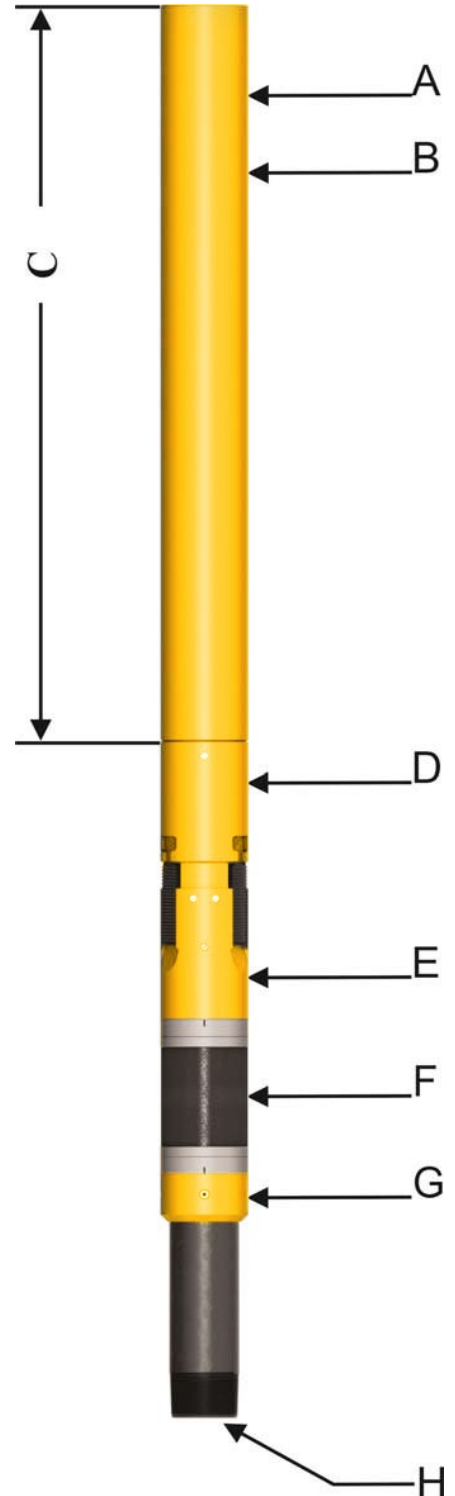
The PermaSeries Liner Top Packer is a compression set Liner Top Packer, which has multiple TBR lengths available to allow for Floating Tie Back Seal Assembly to accommodate tubing movement during Frac or Production. The Packer utilizes hold-down Slip to keep Packer Anchored. Constrained Slips also allow for rotation while running the liner downhole and are held firmly to the cone preventing slip damage.

## FEATURES

- Compression Set
- Rotational while being Deployed
- Slip are not set until the Element is Fully Packed Off
- Setting Sleeve Prevents Prematurely Setting
- Full ID Mandrel
- High Burst And Collapse Pressure Rating
- Element Protected with Metal to Metal Extrusion Rings
- 10,000 PSI Differential Pressure Rating
- Element Compounds available from 275F to 400F  
Temperature Rating Available

## APPLICATIONS

- Used with Hydraulic or Mechanical Liner Hanger
- Prevents Gas Migration Liner & Casing
- Gives a Secondary Seal to Cement



# PermaSeries Liner Top Packer Specification

Basic Information	
Liner Size & Weight	9-5/8" 43.5#
Casing Size & Weight	12-3/4" 57 – 65.4#
Packer Grade	API Q-125
Element Rating	10,000 psi
Temp Rating **	275F - 400F
Thread	Metal to Metal

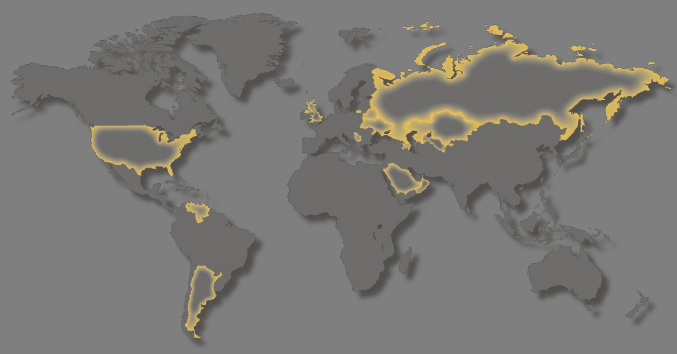
\*\* Depending on Elastomer Compound

Dimensional Information 9-5/8" x 12-3/4"	
A	11.438"
B	10.000"
C **	10ft
D	11.438"
E	11.438"
F	11.406"
G	11.438"
H	8.755"

\*\* Other Lengths Available on Request

Failure Limits 9-5/8" x 12-3/4"	
Tensile (lbs)*	1,351,725
Body Burst (psi)	11,807
Body Collapse (psi)	10,788
Tieback Collapse (psi)	16,694
Tieback Burst (psi)	14,727

\* Or by Thread



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NewTech Services Holding Limited develops technology and expertise within 4 Business Divisions: Drilling Services, Completion Systems, Integrated Project Management and Capital Equipment.

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