

TBSA PS TIE-BACK SEAL ASSEMBLY WITH PROTECTIVE SLEEVE



TBSA PS

APPLICATION

TBSA PS Tie-back Seal Assembly is designed to provide a pressure-tight connection between tubing and PBR (Polished Bore Receptacle) of the liner string. TBSA PS protects the string from high pressure during multistage hydraulic fracturing. Multiple seal set is used to create a reliable seal between production tubing and the liner top. When tool reaches the PBR downward force is applied to seal the tool inside the PBR. To prevent string movement during well treatment and production, hydraulic anchor should be installed above the TBSA PS.

- Vertical, directional and horizontal wells.

FEATURES AND BENEFITS

- TBSA PS is equipped with a protective sleeve that protects seals during run in hole. Protective sleeve is also used as an indication for tool installation.
- Shear force for tool installation can be adjusted by installing the required number of shear screws.
- TBSA PS provides a reliable pressure-tight isolation between the tubing and annulus.
- The tubing should be equipped with a hydraulic anchor to prevent Seal Assembly from upward movement during hydraulic fracturing.
- Hydraulic anchor should be installed one joint above the tool.
- The tool is removed from the PBR after fracturing is finished.
- The tool withstands high tensile loads.
- The tool withstands high differential pressure.

SUPPLY PACKAGE

- TBSA PS Tie-back Seal Assembly with protective sleeve.

The hydraulic anchor available separately.

TECHNICAL DATASHEET

TECHNICAL CHARACTERISTICS	VALUE						
Max OD, in	4.606	4.803	5.551		5.984		
PBR, in	4.154	4.252	4.843	4.843	4.843	4.843	5.354
Length, ft	1.8	1.8	1.7	3.6	1.7	3.6	1.7
ID, in	2.795	3.000	3.000	3.898	3.000	3.898	3.000
Max Diff pressure between isolated zones, psi	10,000						
Burst, psi	10,000						
Max working temperature, °F	302						

* Other options are available as per Customer request.