MSA TIE-BACK SEAL ASSEMBLY

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SEAL ASSEMBLY

APPLICATION

MSA Seal Assembly is designed to provide a pressure-tight connection between the tubing and PBR (Polished Bore Receptacle) of the liner string. MSA 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 MSA.

- Vertical, directional and horizontal wells.

FEATURES AND BENEFITS

- The tubing can be equipped with a hydraulic anchor to prevent MSA from upward movement during hydraulic fracturing.
- Sleeve at the top of Seal Assembly acts as an indication after stab in the PBR.
- Seal Assembly provides a reliable pressure-tight isolation between the tubing and the annulus.
- Seal Assembly is removed from the PBR with straight pull.

SUPPLY PACKAGE

- MSA Tie-back Seal Assembly.

TECHNICAL DATASHEET

TECHNICAL CHARACTERISTICS	VALUE
Casing/liner OD, in	**7.000**
Max OD, in	5.500
ID, in	3.898
Seal OD, in	5.291
PBR ID, in	5.252
Length, ft	11.5
Max working temperature, °F	302
Max Diff pressure between isolated zones, psi	10,000
Burst, psi	10,000
Collapse, psi	10,000
Tensile, kip	214
Compression, kip	107
Material*	P-110

* Other options are available as per Customer request.