

GUARDPRO™

HPHT RETRIEVABLE PRODUCTION PACKER



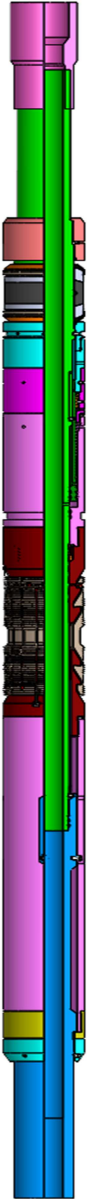
The retrievable packer is designed to temporarily or permanently isolate different zones in HPHT environments to maximize well performance. The packer utilizes a barrel slip design along with a 3 piece element which is capable of withstanding 400F at 15k psi and is available in both a NACE and non-NACE version which have been qualified per ISO 14310 V0 requirements. Using a dual piston design, the packer is hydraulically set with minimal setting load required. With a patent pending cut to release feature the packer can easily and quickly be retrieved when no longer needed.

APPLICATIONS

- Zone isolation to maximize well production
- Vertical, deviated or horizontal wellbores

FEATURES & BENEFITS

- ISO 14310 V0 Qualified
- HPHT applications
- Cut to release feature allows for quick and reliable retrieving
- Proven 360° Barrel Slip design reduces casing stress
- Anti-preset feature ensures reliability during run-in and is adjustable to fit almost any application
- When coupled with an optional Anchor Latch, the upper string can be removed while the packer stays in place for future use.
- Designed, manufactured, assembled and tested per API standard



SPECIFICATION

Casing Size inch (mm)	Casing Weight lb/ft	OD inch (mm)	ID inch (mm)	Length inch (mm)	Pressure psi (MPa)	Temperature Deg.F
7-5/8 (193.7)	42.8	6.18(157)	2.91(74)	123(3124)	15,000(103)	400F
7 (177.8)	32-35	5.67(144)	2.913(74)	115(2930.6)	13,000(90)	400F
7 (177.8)	32-35	5.75(146)	2.913(74)	115(2930.6)	15,000(100)	400F