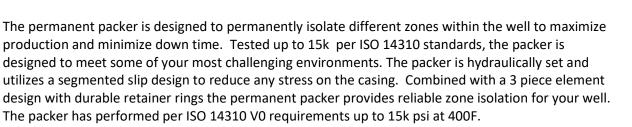
GUARDPRO™ PERMANENT PRODUCTION PACKER



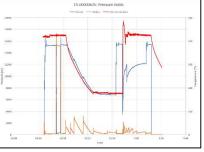
APPLICATIONS

- Zone isolation to maximize well production
- Vertical, deviated or horizontal wellbores
- H2S compatible

FEATURES & BENEFITS

- ISO 14310 V0 Qualified
- HPHT applications, up to 400F, 15k psi
- Proven segmented slip design provide maximum contact for reduced casing stress.
- Adjustable anti-preset feature to fit a wide variety of applications
- Large ID maximizes flow
- 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
5-1/2 (139)	26	4.25(108)	2.200 (55.9)	103(2616)	15,000(103)	400F
7 (177.8)	32-35	5.75(146)	3.375 (85.7)	110(2796.3)	10,000(68.9)	350F
7-5/8(193.7)	33.7	6.378(162)	3.386 (86)	104(2650)	15,000(103)	400F

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