

Permanent Plug (PP)



Description

The PP is a qualified bridge plug utilising new packer technology. It's designed to withstand pressure up to 690 bar (10,000 psi) at temperatures up to 205 °C (401 °F), and is qualified in accordance with the ISO 14310:2008 international standard validation grade Vo.

The simple design and new packer element technology reduces deployment risk, and allows one size to fit a wide range of casing weights. Setting can be performed with drillpipe, wireline, coiled tubing, and snubbing.

Application

The PP can be used for, but is not limited to, P&A operations (permanent and temporary), cement operations and zonal isolation.

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Benefits

- Fully removable by milling using junk mill.
- One plug design covers a wide range of casing weights.
- The PP is a non-retrievable bridge plug designed for high pressure and temperature conditions using innovative packer technology.

Technical Specifications

Model	Csg Size	Csg Wt (lbs/ft)	OD	Pressure Rating	Temperature Rating
342-450	4 ½"	12.6-15.1	3.42"	10,000 psi (690 bar)	40-150 °C (104-302 °F)
395-500	5"	20.3-29.7	3.95"	10,000 psi (690 bar)	40-120 °C (104-248 °F)
435-550	5 ½"	17-23	4.35"	10,000 psi (690 bar)	20-149 °C (68-300 °F)
563-700	7"	26-35	5.63"	10,000 psi (690 bar)	30-205 °C (86-401 °F)
630-775	7 ¾"	46.1	6.3"	10,000 psi (690 bar)	50-150 °C (122-302 °F)
835-988	9 ⅞"	62.8	8.35"	9000 psi (621 bar)	4-150 °C (39-302 °F)
900-1075	10 ¾"	51-65.7	9.0"	4000 psi (276 bar)	4-119 °C (39-246 °F)

Tests for higher pressure and temperature ratings can be done on request.

Other dimensions available on request.