

SIMultra retrievable bridge plug

The SIMultra* retrievable bridge plug blends the breakthrough hybrid SIMultra seal technology with Peak's trusted plug architecture to create a well barrier providing the ultimate in reliability and retrievability whilst maintaining the highest performance specification.

Available for industry standard tubulars ranging from 4 ½ to 7 in, SIMultra plugs are fully certified to the highest ISO 14310 (API 11D1) V0 grade standard. SIMultra plugs have the smallest running diameter in their class, provide the highest available seal integrity, and retract to smaller than their original diameter thereby ensuring reliable deployment and recovery every time.

The SIMultra plug is set and retrieved using Peak's modular, nonexplosive, PowerTool setting system which enables deployment in vertical and horizontal wells using all conventional conveyance methods. When combined with the SIMultra plug, the PowerTool system provides unrivalled operational flexibility and confidence.

ISO certified quality control is incorporated into the development, manufacture, storage and maintenance of all SIMultra products and all SIMultra plugs are manufactured to Quality Grade Q3.

APPLICATIONS

- **Temporary Suspension:** Reliable recovery and the largest running clearances in the industry make SIMultra plugs ideal for short- and medium-term well suspension whilst providing the highest V0 grade well control barrier
- **Abandonment:** The unique hybrid metal-elastomer seal provides a full metal contact with the wellbore ensuring complete encapsulation of the seal system and is ideal for long-term, life-of-well, deployment or abandonment
- **Flow Control:** The SIMultra system maintains a large through-bore and a flow path up to 50% larger than competitor systems making it ideal for flow control applications when combined with chokes or shut-in tools

FEATURES AND BENEFITS

- Fully certified to ISO 14310:2008 grade V0
- Simple to redress in the field minimizing NPT
- Multiple setting options: slickline, e-line, coiled tubing, drillpipe or tractor
- Bidirectional, high-expansion, high-load slips ensures secure setting
- Independent positive retention of slips and seal ensures reliable retraction
- Fully sequenced operation eliminates plug movement during setting
- High-integrity one-piece mandrel eliminates potential leak paths
- Compatible with SIM* sealing integrity management system junk catchers and equalizing accessories
- Sour service components to NACE MR0175 specifications

TECHNICAL INFORMATION

Nominal Tubing, in	Weight Range, lbm/ft	Plug OD, in	Plug ID, in	Length, in	ISO 14310:2008 V0 Qualification		Setting Tool OD, in
					Pressure differential, psi	Max Temp †, degF	
4 ½	11.6 - 18.8	3.375	1.375	91.5	10,000	350	3.375
5	23.2	3.500	1.375	91.5	10,000	350	3.375
5 ½	17 - 26	4.100	1.375††	98.6	10,000	350	4.100
7	29 - 32	5.470	3.375	92.5	10,000	350	5.470

† 400 degF extreme sour service available on request.

†† Larger plug ID available on request.

*Mark of SLB.

Product Code: SIMultra / 851

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▲ SIMultra seal technology



▲ SIMultra retrievable bridge plug

