

SIM^{ULTRA} Retrievable Bridge Plug

The SIM^{ULTRA} Retrievable Bridge Plug blends the breakthrough hybrid MetaPlex seal 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 4-1/2” up to 7”, SIM^{ULTRA} is fully certified to the highest ISO 14310 (API 11D1) V0 grade standard. The 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 SIM^{ULTRA} Retrievable Bridge Plug is set and retrieved using Peak’s modular, non-explosive, PowerTool setting system which enables deployment in vertical and horizontal wells using all conventional conveyance methods. When combined with the SIM^{ULTRA} Retrievable Bridge 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 SIM^{ULTRA} products.

Applications

- **Temporary Suspension:** Reliable recovery and the largest running clearances in the industry make SIM^{ULTRA} 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
- **Straddles:** The SIM^{ULTRA} system maintains the large through-bore of the MetaPlex seal providing a flow path up to 50% larger than competitor systems and making the system ideal for straddle packer applications

Features & Benefits

- Fully certified to ISO 14310:2008 grade V0 standard
- Simple to redress in the field minimising NPT
- Multiple setting options: slickline, E-line, coiled tubing, drill pipe or tractor
- Bi-directional, 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 system junk catchers and equalising accessories

Technical Information

Nominal Tubing	Weight Range (lbs/ft)	Plug OD	Plug ID	Length	ISO 14310:2008 V0 Qualification		Setting Tool OD
					Pressure Differential	Max Temp	
4-1/2"	11.60 – 17.00	3.375"	1.375"	91.5"	7,500psi	350° F	3.375"
5-1/2"	17.00 – 26.00	4.100"	2.375"	97.8"	7,500psi	350° F	4.100"
7"	23.00 – 35.00	5.375"	3.375"	97.8"	7,500psi	350° F	4.100"

MetaPlex is a UK registered trademark.

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