



Sealing Integrity Management

# SIM<sup>ULTRA</sup>

Part of the SIM System for Flow Control

Simple Safe Assured

# Ultimate Sealing Performance

For the most challenging downhole conditions



SIM<sup>ULTRA</sup> Retrievable Bridge Plug

A new era of energy production demands a new generation of downhole plugs – tools proven to meet the extremes of high performance, HPHT and gas wells.

SIM<sup>ULTRA</sup> from Peak Well Systems represents the ultimate in reliability and retrievability, embodying the highest performance specification for the toughest applications.

Part of our SIM range of superior, nipple-less flow control devices, SIM<sup>ULTRA</sup> Retrievable Bridge Plugs use the same simple design principles, high quality manufacture and versatile deployment solutions to optimise them to be fit for purpose.

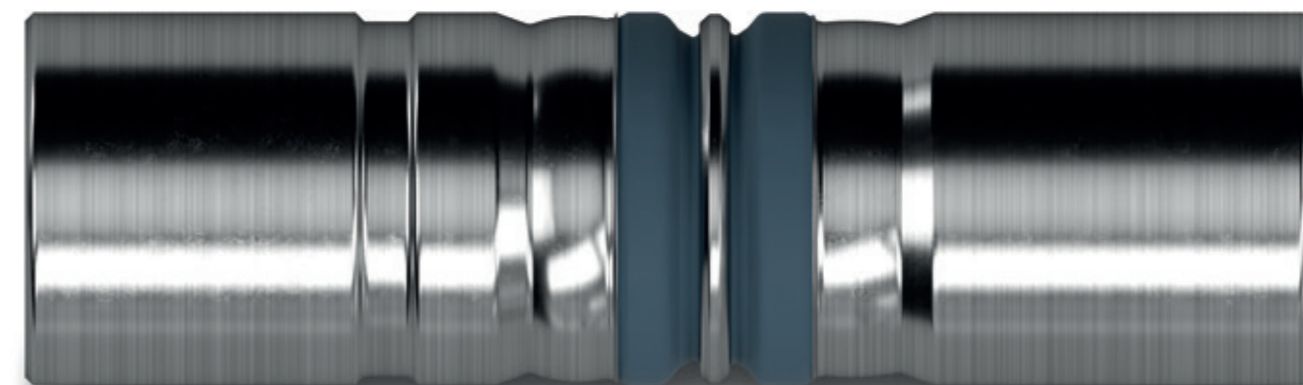
Plugs are available for industry standard tubulars ranging from 4½" up to 7". Set and retrieved using Peak's modular, non-explosive PowerTool, deployment is possible in vertical and horizontal wells using all conventional conveyance methods.

- Full V0 certification
- Multiple deployment options, inc. slickline, e-line, coil tubing, drill pipe or tractor
- 175°C, 7,500psi performance
- Full sour service capability
- Fully field-redressable, minimising NPT
- Compatible with other SIM System accessories

# Groundbreaking Technology

Banishes retrievability issues

The SIM<sup>ULTRA</sup> Retrievable Bridge Plug incorporates the breakthrough hybrid MetaPlex seal within Peak's trusted plug architecture to create not just a reliable well barrier, but exceptional retrievability.

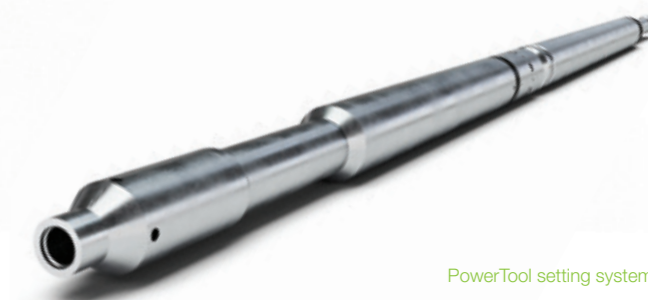


MetaPlex<sup>®</sup> seal technology

We've taken the next leap forward in downhole sealing technology with SIM<sup>ULTRA</sup>, creating a unique, hybrid metal-elastomer seal that delivers both exceptional isolation and superior retrieval.

Without having to rely purely on elastomer elements, SIM<sup>ULTRA</sup> 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.

- Unrivalled running clearance
- 110% retraction assurance
- Eliminates elastomer permanent set
- Eliminates elastomer decompression
- Full metal contact



PowerTool setting system

The modular PowerTool is designed for rapid tool deployment and turnaround on all conveyance systems. For slickline operations, the downhole intelligent Decision Module provides enhanced setting assurance through the use of measurements of time, temperature, pressure and tool movement to identify the correct setting depth.



Shear release and GS fishing neck

Ratchet System for seal assembly

**METAPLEX<sup>®</sup> SEAL**  
Hybrid metal-elastomer seal with 110% retraction capability

Ratchet retention system for slips mechanism

Bi-directional, high expansion, high load slips ensures secure setting

Compatible with a range of SIM Equalising Systems

## About Peak Well Systems

Peak Well Systems is a leading specialist in the design and manufacture of advanced downhole tools for well intervention. We provide both operators and service companies around the world with an extensive range of innovative downhole products, expert field deployment and aftermarket support. Our aim is to reduce well operating costs and improve well performance for our customers.

Our product portfolio comprises of Flow Control systems, which are fast becoming the products of choice around the world, and Premium Well Intervention tools for remedial well maintenance.

All Peak products are designed to be **Simple, Safe and Assured.**



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