SIMultra Retrievable Bridge Plug

The SIMultra® Retrievable Bridge Plug blends the breakthrough hybrid SIMultra 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 to 7 in, SIMultra 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 SIMultra Retrievable Bridge 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 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 SIMultra products and all SIMultra plugs are manufactured to Quality Grade Q1.

APPLICATIONS

- **Temporary Suspension**: Reliable recovery and the largest running clearances in the industry make SIMultra 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 Quality Grade Q1
- 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 system junk catchers and equalizing accessories
- Sour service components to NACE MR0175 specifications

TECHNICAL INFORMATION

<table>
<thead>
<tr>
<th>Nominal Tubing, in</th>
<th>Weight Range, lbm/ft</th>
<th>Plug OD, in</th>
<th>Plug ID, in</th>
<th>Length, in</th>
<th>Pressure differential1, psi</th>
<th>Max Temp1, degF</th>
<th>Setting Tool OD, in</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 1/2</td>
<td>11.60 – 17.00</td>
<td>3.375</td>
<td>1.375</td>
<td>91.5</td>
<td>7,500</td>
<td>350</td>
<td>3.375</td>
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<tr>
<td>5</td>
<td>23.2</td>
<td>3.500</td>
<td>1.375</td>
<td>91.5</td>
<td>7,500</td>
<td>350</td>
<td>3.375</td>
</tr>
<tr>
<td>5 1/2</td>
<td>17.00 – 26.00</td>
<td>4.100</td>
<td>1.375</td>
<td>97.8</td>
<td>7,500</td>
<td>350</td>
<td>4.100</td>
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<tr>
<td>7</td>
<td>23.00 – 35.00</td>
<td>5.470</td>
<td>3.375</td>
<td>97.8</td>
<td>7,500</td>
<td>350</td>
<td>4.100</td>
</tr>
</tbody>
</table>

1 Available in two service models: 7,500 psi, 350 degF standard service and 10,000 psi, 400 degF extreme sour service
11 Larger plug ID available on request

Product Code: SIMultra Retrievable Bridge Plug / 851

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