Evo-Trieve® Intervention Packer

The Evo-Trieve® intervention packer is a retrievable large bore pack-off device for superior technical and operational performance. This high-performance packer can be set at a predetermined point anywhere in the tubing or casing.

Evolved from the industry-leading B Series monobore intervention product family, the Evo-Trieve packer system features a robust cage-type slip system that anchors the packer to the wellbore while a packing element provides a bi-directional pressure seal.

The Evo-Trieve intervention packer may be run and retrieved with conventional well intervention systems in conjunction with field-proven Halliburton service tools. The packer is V0 qualified per ISO 14310 to 5000 psi and up to 275°F.

Features

- Supplied with H₂S packing element system as standard for critical well deployment and reduced inventory management
- Packing element positioned above the slips for improved debris protection
- Robust slip system permits no over-expansion in set position while mechanically locked in retracted position when released
- Improved body lock ring system retains element pack-off force during pressure reversals
- Incorporates field-proven sleeve type release mechanism
- Improve retrieval capabilities due to anti-reset ring locking out external components
- Easily redressed in field or at rig site locations
Benefits
- Allows the operator to quickly and economically adapt for use in different operational requirements
- Compact design allows deployment in restricted work areas where limited rig-up height availability makes for difficult access
- Controlled setting action and slip design helps ensure the stress exerted on the casing or tubing is evenly distributed thus preventing damage
- Mechanically retained slips helps reduce the risk of premature setting while running in hole and hanging up on retrieval
- Packing element design enhances its ability to return to its original shape upon release thus reducing the risk of hanging up
- Slip mechanism position offers protection from casing debris thus improving reliability
- May be run and retrieved on slickline, electric line, coiled tubing or work string

Applications
The Evo-Trieve intervention packer is a modular utility packer designed to be adaptable for a wide range of monobore intervention applications.
- Primarily used as an anchoring device for the suspension of well intervention tools including water injection valves, downhole gauge and Storm Choke® safety valves
- May be used as an ISO-qualified plugging device by attaching a remote equalizing sub (i.e. pump-out plug) or prong equalizing sub
- Serves as base conversion unit for Evo-Trieve upper seal bore packer and Evo-Trieve heavy hang-weight packer typically used to deploy velocity strings within gas wells
- Utilized as part of a system to provide isolation straddle solutions of any length

Evo-Trieve® Intervention Packer - Technical Specifications

<table>
<thead>
<tr>
<th>Casing/ Tubing</th>
<th>Maximum OD</th>
<th>Minimum ID</th>
<th>To Pass Restriction</th>
<th>Pressure Rating - V0 Tested</th>
<th>Temperature Rating</th>
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</thead>
<tbody>
<tr>
<td>Size</td>
<td>Minimum ID</td>
<td>Weight</td>
<td></td>
<td>Above</td>
<td>Below</td>
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<tr>
<td>in.</td>
<td>mm</td>
<td>lb/ft</td>
<td>kg/m</td>
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<td>43.16</td>
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</tr>
</tbody>
</table>

For more information on the Evo-Trieve® intervention packer, please call your local Halliburton representative or email us at completions@halliburton.com.

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