OVERVIEW
The X-Trieve™ HP (HHH and HHS) retrievable packer is a high-pressure/high-
temperature (HP/HT), retrievable, single-string hydrostatic-set packer that can be run in extreme hydrostatic pressures up to 28,000 psi. The HHH packer is set interventionlessly in casing to divert casing-to-tubing flow. This packer contains a hydrostatic-setting feature that allows the packer to be set using available well hydrostatic pressure. Once set, a barrel slip secures the packer against well pressures from above and below. Internal slips system maintains the packer in the set position and is released and retrieved by a straight upward pull with the HRB retrieving tool.

The packer is deployed on tubing using regular completion techniques. Once it reaches the intended setting depth, a predetermined surface pressure is applied to increase the hydrostatic pressure at the packer, and the motion begins. This process is performed without well intervention or tubing plugging devices.

The X-Trieve™ HHS retrievable packer is a hydrostatic-set, cut-to-release version of the HHH packer. It is ideal for use in complex completions that require advanced packer-setting techniques. The HHS packer eliminates the need to deploy packer setting plugs. Once the packer is released, a snap ring engages the mandrel, locking the lower wedge in place. This helps hold the barrel slip in the retracted position.

FEATURES
» Propped element package
» Barrel slip
» Casing-compliant, metal-to-metal backup shoes with 360° casing wall contact for element containment and reliability
» Slips located below element package for protection from debris
» No mandrel movement operation
» Premium metallurgy and elastomers
» Anti-reset (HHS packer)

BENEFITS
» No milling required for retrieval
» Suitable for unsupported casing
» Non-damaging to casing
» Maximum sealing and retrieving reliability
» Designed to minimize rig time during completion and decompletion
APPLICATIONS

» Hot, corrosive, deep, deviated, production, or test completions with hydrostatic pressures up to 28,000 psi
» Extended-reach completions where conventional intervention techniques are limited
» Completions in which milling to retrieve a permanent packer is not desired
» Wells in which minimum casing deformation or damage is desired
» Single-trip completions
» Multi-packer installations
» Liner-top installations
» Monobore completions

X-Trieve™ HP (HHH and HHS) Retrievable Packers Technical Specifications

<table>
<thead>
<tr>
<th>Casing Size</th>
<th>Weight Range</th>
<th>Maximum OD</th>
<th>Minimum OD</th>
</tr>
</thead>
<tbody>
<tr>
<td>in.</td>
<td>mm</td>
<td>lb/ft</td>
<td>kg/m</td>
</tr>
<tr>
<td>7</td>
<td>177.80</td>
<td>38</td>
<td>56.55</td>
</tr>
<tr>
<td>7 5/8</td>
<td>193.68</td>
<td>39</td>
<td>58.04</td>
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<td>8 5/8</td>
<td>219.08</td>
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<td>88.10</td>
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<td>70.09</td>
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<td>10 1/8</td>
<td>257.18</td>
<td>79.3</td>
<td>118.01</td>
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For more information, contact your local Halliburton representative or visit us on the web at www.halliburton.com

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