Saltel External Casing Packers
Expandable steel annular isolation

- Rated up to 5,000 psi [34 MPa]
- Rated up to 120 degC [250 degF]

APPLICATIONS
- Primary, multistage, and off-bottom cementing operations
- Casing while drilling operations

BENEFITS
- Prevents fluid migration in the annulus and protects the formation from annular fluids
- Seals in any hole shape and condition, including oval, out-of-gauge, and irregular boreholes
- Eliminates waiting time with on-demand expansion and immediate sealing

FEATURES
- Robustness while running into the well
- Simplified setting process
- Rapid installation
- Valve technology that protects against overexpansion into washout zones

Available in welded or crimped designs for application flexibility
Saltel external casing packers are robust, expandable stainless steel devices designed to set at low pressures to achieve zonal isolation. Standard welded packers are intended for one-stage cementing or off-bottom cementing operations in low-pressure environments; crimped packers are used in any stage cementing operation or to prevent annular fluid migration.

The packer sleeve is expanded between the casing and the borehole by applying pressure in the casing. As the sleeve expands, it conforms to the wellbore shape; a patented thin layer of bonded elastomer ensures sealing in irregular boreholes.

Welded packers for standard applications
Standard packers are welded to a one-piece mandrel with no internal connection. Both ends are fixed and protect the expandable sleeve while running into the well. The packers can be mounted on any carbon steel base casing.

Crimped packers for maximum strength and seal
Crimped packers are crimped to a one-piece mandrel using a patented design that maintains casing integrity and improves sealing and anchoring of the packer ends with the base pipe. Both ends are fixed and protect the expandable sleeve while running into the well. After the packer is set, the valve closes the expansion port permanently.

Saltel external casing packer.
## Saltel External Casing Packers Specifications

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<tbody>
<tr>
<td>Standard (Welded)</td>
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<td>4½</td>
<td>5.50 [139.70]</td>
<td>5.875 [149.23]</td>
<td>6.75 [171.45]</td>
<td>1,250 [8.6]</td>
<td>1,250 [8.6]</td>
<td>4 [1.2]</td>
<td>5,000 [34]</td>
<td>5,000 [34]</td>
<td>11.6 lbm/ft L80 BTC pin box</td>
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<td>High Pressure (Crimped)</td>
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<td>6.75 [171.45]</td>
<td>1,250 [8.6]</td>
<td>1,250 [8.6]</td>
<td>4 [1.2] or 8 [2.4]</td>
<td>5,000 [34]</td>
<td>5,000 [34]</td>
<td>11.6 lbm/ft L80 BTC pin box</td>
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<tr>
<td>5½</td>
<td>8.00 [203.20]</td>
<td>8.50 [215.90]</td>
<td>10.00 [254.00]</td>
<td>1,250 [8.6]</td>
<td>1,250 [8.6]</td>
<td>4 [1.2] or 8 [2.4]</td>
<td>5,000 [34]</td>
<td>5,000 [34]</td>
<td>20 lbm/ft L70 BTC pin box</td>
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<td>7</td>
<td>8.15 [207.01]</td>
<td>8.50 [215.90]</td>
<td>10.00 [254.00]</td>
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<td>1,250 [8.6]</td>
<td>4 [1.2] or 8 [2.4]</td>
<td>5,000 [34]</td>
<td>5,000 [34]</td>
<td>26 lbm/ft L80 BTC pin box</td>
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†Other casing weights, materials, and threads are available on request.