BluePack ESP
Retrievable, hydraulically set ESP production packer

- Rated up to 5,000 psi [34.5 MPa]
- Rated up to 163 degC [325 degF]

APPLICATIONS
- ESP completions
- Zonal isolation
- Vertical, deviated, and horizontal wells

BENEFITS
- Reduces rig time and cost with simple setting and retrieval operations
- Enables system pressure test at surface

FEATURES
- No tubing movement while setting
- ISO 14310/API 11D1 V3 validation grade
- Available with HNBR and AFLAS® elements
- One-piece mandrel
- Adjustable, straight-pull shear release
- Dual bore with multiple ports
- Available in API standard grades Q1, Q2, and Q3
- API and premium end connections available

The BluePack ESP* retrievable, hydraulically set ESP production packer is designed for use in vertical and deviated wellbores with ESP completions. Multiple feed-through ports are available and may be configured for chemical injection, gas vents, and other ESP accessories. This packer is also designed to allow onsite feed-through and connection of electric cable. A single-piece mandrel body, designed for 5,000 psi (34.5 MPa) pressure differential, and a straight-pull, adjustable shear release value make this compact packer an economical choice for production applications with ESPs.

The BluePack ESP packer is fully configurable for multiple production and penetrator bore combinations. These packers are available for a variety of service applications, including H₂S and CO₂ environments.

Save time by simplifying operations
The BluePack ESP packer is installed with the completion tubing and set by applying pressure to the tubing. Retrieval is accomplished with a straight upward pull on the tubing. Set at the factory to a standard value, the packer shear-release mechanism can be adjusted in the field before installation. When the tension on the tubing string exceeds the predetermined value of the shear screws, the slips disengage the casing, and the element relaxes.

The BluePack ESP packer is also designed and validated in accordance with ISO 14310/API 11D1 V3.

Single penetrator
Dual penetrator
3-leg penetrator

BluePack ESP packer penetrator configurations.

BluePack ESP packer.
## BluePack ESP Packer Specifications

<table>
<thead>
<tr>
<th>Casing Size in [mm]</th>
<th>Casing Weight Range in [lbm/ft (kg/m)]</th>
<th>Tubing Size in [mm]</th>
<th>Penetrator Types</th>
<th>Feed-through diameter options, in [mm]</th>
<th>Max. Working Temperature, degC (degF)</th>
<th>Differential Pressure Rating, psi (MPa)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.500 [139.7]</td>
<td>15.5–20 [23.1–29.76]</td>
<td>2.375 (60.325)</td>
<td>3-legged</td>
<td>0.25 [6.35], 0.375 [9.525]</td>
<td>163 [325]</td>
<td>5,000 [34.5]</td>
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<tr>
<td>7.000 [177.8]</td>
<td>23–32 [34.23–47.6]</td>
<td>2.875 [73.03]</td>
<td>Single, 3-legged</td>
<td>0.25 [6.35], 0.375 [9.525]</td>
<td>163 [325]</td>
<td>5,000 [34.5]</td>
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<tr>
<td>9.625 [244.5]</td>
<td>36–53.5 [53.6–79.6]</td>
<td>3.5 [88.90]</td>
<td>Single, 3-legged</td>
<td>0.25 [6.35], 0.375 [9.525]</td>
<td>163 [325]</td>
<td>5,000 [34.5]</td>
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<tr>
<td>10.75 [273.05]</td>
<td>55.5–65.7 [82.6–97.7]</td>
<td>4.5 [114.30]</td>
<td>Single, 3-legged</td>
<td>0.25 [6.35], 0.375 [9.525]</td>
<td>163 [325]</td>
<td>5,000 [34.5]</td>
</tr>
</tbody>
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