

BluePack RH

Retrievable hydraulic-set production packer



Rated to 5,000 psi
[34.5 MPa]



Rated up to 350 degF
[177 degC]

APPLICATIONS

- Single-string completions
- Zonal isolation
- Vertical, deviated, and horizontal wells
- Production and water injection wells

BENEFITS

- Easily installs on the rig
- Reduces rig costs by simplifying operations
- Eliminates tubing movement during installation

FEATURES

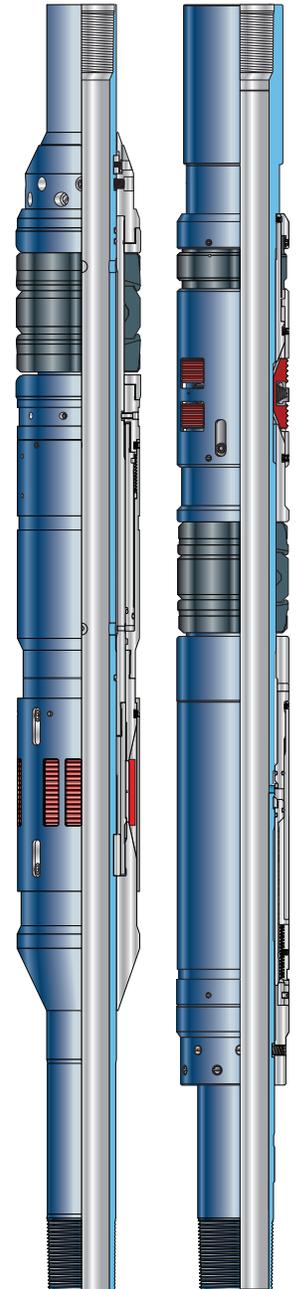
- Validation to ISO 14310 and API Spec 11D1 V3
- One-piece mandrel
- Slips protected from debris with packer element or debris barrier
- Bidirectional caged slips
- Adjustable, straight-pull shear release
- Available in quality grades Q1, Q2, and Q3
- Premium end connections available

BluePack RH* retrievable hydraulic-set production packer is a straight-pull, shear-release packer for use in vertical and deviated wellbores or applications in which multiple packers are set. A single-piece mandrel body—designed for a 5,000-psi pressure differential—and an adjustable shear release value make this compact packer cost-efficient for production and injection applications.

Installation and release

BluePack RH packers are installed with the completion tubing and set by applying pressure to the string. Retrieval of the packer is accomplished with a straight upward pull on the tubing. Factory-set to a standard value, the packer's shear-release mechanism can be adjusted in the field just before installation. Once the tension on the tubing string exceeds the predetermined value of the shear screws, the slips disengage the casing and the packer element relaxes.

BluePack RH packers are designed and validated in accordance with ISO 14310 and API Spec 11D1 V3.



The Bluepack RH packer can be delivered in conventional configuration (left) or fullbore configuration (right) allowing a larger tubing ID.

BluePack RH

BluePack RH Packer Specifications

Casing Size, in [mm]	Casing Weight Range, lbm/ft [kg/m]	Tubing Size, in [mm]	Max. Working Temperature, degF [degC]	Differential Pressure Rating, psi [MPa]
4.500 [114.3]	9.5–13.5 [14.1–20.1]	2.375 [60.325]	325 [163]	5,000 [34.5]
5.500 [139.7]	13–23 [19.3–34.2]	2.375 [60.325] 2.875 [73.025]	325 [163]	5,000 [34.5]
6.625 [168.28]	24–28 [35.7–41.7]	3.500 [88.900]	325 [163]	5,000 [34.5]
7.000 [177.8]	20–32 [29.8–47.6]	2.375 [60.325] 2.875 [73.025] 3.500 [88.900] 4.500 [114.30]	350 [177]	5,000 [34.5]
7.625 [193.7]	29.7–39 [44.2–58]	3.500 [88.900] 4.500 [114.300]	325 [163]	5,000 [34.5]
9.625 [244.5]	36–53.5 [53.6–79.6]	3.500 [88.900] 4.500 [114.300] 5.500 [139.700]	350 [177]	5,000 [34.5]
10.75 [273.05]	45.5–65.7 [67.7–97.8]	5.500 [139.700]	325 [163]	5,000 [34.5]

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