

BluePack RH-MP

Retrievable hydraulic-set, multiport production packer



Rated to 5,000 psi
[34 MPa]



Rated up to 350 degF
[176 degC]

APPLICATIONS

- Intelligent completions
- Single-trip completions
- Completions in wells with multiple production zones
- Vertical or deviated wellbores

BENEFITS

- Lowers completion costs with API 11D1 V3 validation
- Increases completion flexibility with multiple feedthrough ports for control lines
- Reduces rig time and cost with simple setting and retrieval options
- Improves sealing reliability by eliminating tubing movement during installation
- Minimizes risk that debris will hinder retrieval because sealing element is above the slips

FEATURES

- One-piece mandrel
- No tubing movement while setting
- Field-adjustable shear release
- Availability with HNBR and AFLAS elements
- API 14310 and API 11D1 V3 validation
- Availability in API standard quality grades Q1, Q2, and Q3

The BluePack RH-MP* retrievable hydraulic-set, multiport production packer is a feedthrough packer for use in intelligent completions or any other type of completion where control lines are needed.

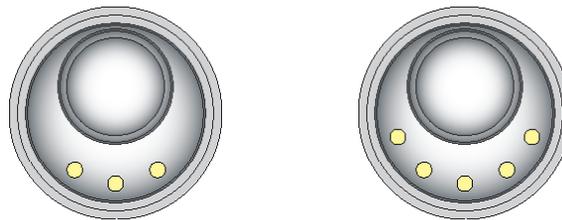
The packer is designed and validated to API 14310 and API 11D1 V3 criteria, making it a cost-effective option as compared with V0-validated packers.

Installation and release

The BluePack RH-MP packer is installed with the completion tubing and set by applying pressure to the tubing. Retrieval is accomplished with upward pull on the tubing. Set at the factory to a standard value, the packer's 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 for retrieval.

Feedthrough options for most applications

The solid one-piece mandrel can be delivered in several configurations that will suit most application requirements for feedthrough size and quantity. The absence of mandrel movement allows the installation of multiple units at the same time, without interference.



Feedthroughs can be configured as shown above or in other arrangements and quantities to suit most application requirements.



The BluePack RH-MP packer is a cost-effective choice for wells with multiple feedthroughs to control intelligent completions or other downhole systems.

BluePack RH-MP Packer Specifications

Casing Size, in	Casing Weight Range, lbm/ft	Max. OD, in [mm]	Nominal ID, in [mm]	Max. Working Temperature, degF [degC]	Pressure Rating, psi [MPa]
10 $\frac{3}{4}$	55.5–65.7	9.344 [237.3]	4.892 [124.3]	325 [162]	5,000 [34]
9 $\frac{5}{8}$	40–47	8.47 [215.1]	3.86 [98.0]	325 [162]	5,000 [34]
7	23–26	6.09 [154.6]	2.95 [74.9]	350 [176]	5,000 [34]