

BluePack Ultra RH-MP

Ultrahigh-pressure retrievable hydraulic-set, multiport production packer



Rated to 15,000 psi
[103 MPa]



Rated to 149 degC
[300 degF]

APPLICATIONS

- Intelligent completions
- Single-string production wells
- Single-trip completions
- High-pressure production or injection wells
- Deepwater and deepset completions
- Completions in wells with low fracture gradient

BENEFITS

- Increases lower completion flexibility and intelligence with seven feedthrough ports for hydraulic and electric lines
- Improves sealing reliability by eliminating tubing movement during installation
- Minimizes risk that debris will hinder retrieval
- Decreases risk of damaging slips while running into the well
- Minimizes milling risk with a cut-to-release (CTR) function

FEATURES

- ISO V0 rating 82 to 149 degC [180 to 300 degF]
- Hydraulic setting mechanism
- Optional hydrostatic setting trigger

The BluePack Ultra RH-MP* ultrahigh-pressure retrievable hydraulic-set, multiport production packer is designed to isolate fluids and pressure in wells with intelligent completions that rely on hydraulic and electric lines for data transmission or control. The packer can accommodate up to seven ports.

A critical element of deepset and deepwater wells, the BluePack RH-MP packer is ISO V0 validated to 15,000 psi [103 MPa], with each size individually validated to API Specification 11D1 and ISO 14310 to ensure maximum reliability under challenging conditions.

Setting

The BluePack Ultra RH-MP packer is set by pressuring up the tubing using any plugging device below the packer.

For applications without plugs, an optional hydrostatic setting trigger can be added below the packer. The trigger requires no hydraulic lines and includes antipreset features.

Retrieving

The packer's CTR function maximizes packer performance and minimizes risks of casing damage from milling operations associated with permanent packers.



BluePack Ultra RH-MP packer.

BluePack Ultra RH-MP

BluePack Ultra RH-MP Packer Specifications

Casing Size, in	Casing Weight Range, lbm/ft [kg/m]	Tubing Size, in	Working Pressure, psi [MPa]	Working Temp, degC [degF]	Maximum Absolute Pressure, psi [MPa]	Release
10 ¹ / ₈	79.29 [†] [118]	5	15,000 [103]	82 to 149 [180 to 300]	27,500 [190]	CTR
10	68.7 [†] [102.2]	5	15,000 [103]	82 to 149 [180 to 300]	27,500 [190]	CTR
9 ⁷ / ₈	62.8 to 64.9 [†] [93.5 to 96.6]	5	15,000 [103]	82 to 149 [180 to 300]	27,500 [190]	CTR
9 ³ / ₄	59.2 [†] [88.1]	5	15,000 [103]	82 to 149 [180 to 300]	27,500 [190]	CTR
9 ⁵ / ₈	53.5 [†] [79.6]	5	15,000 [103]	82 to 149 [180 to 300]	27,500 [190]	CTR

[†]Special drift, 8.5 in [215.9 mm]

slb.com/packers