

BluePack Max PW-V3 high-pressure permanent wireline-set sealbore packer

Holds differential pressure from above or below



Pressure:
Rated to 10,000 psi [69 MPa]



Temperature:
Rated up to 350 degF [177 degC]

Where it is used

BluePack Max PW-V3* high-pressure permanent wireline-set sealbore packer is a single-string device that can hold differential pressure from above or below. It isolates the casing annulus to allow production of a specified zone in vertical, deviated, and horizontal wells. The packer can also act as an anchor for the tubing string.

How it improves wells

The single-piece mandrel body designed for up to 10,000-psi pressure differential makes this packer an economical choice for production and injection applications. The positive set of the slips and element improves reliability.

The packer is normally set on wireline, saving operating time and costs. In highly deviated and horizontal wells, a hydraulic setting tool with an adapter kit can be used instead.

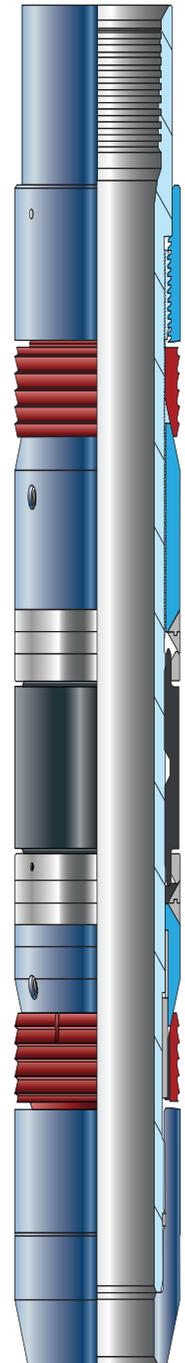
How it works

The design incorporates two full-circumference slips supported by two opposing tapered cones with a sealing element assembly positioned between them. The slips and sealing element assembly are sequentially set and held in position by a positive-lock mechanical ratchet. The slips are designed to split into multiple segments on setting and provide a full 360° grip on the casing.

What else I should know

BluePack Max PW-V3 packers are available in a range of materials and with HNBR or Aflas® elements for a variety of service applications, including H₂S and CO₂ environments. They are designed and validated in accordance with ISO 14310 and API Spec 11D1 V3 validation grade. Packers are available in quality grades Q1, Q2, and Q3.

The sealbore is the same size as that of a QUANTUM* gravel-pack packer, and BluePack Max PW-V3 packers are fully compatible with QUANTUM packer accessories.



BluePack Max PW-V3 packer.

BluePack Max PW-V3 Packer Specifications

Casing Size, in [mm]	Casing Weight, lbm/ft [kg/m]	Sealbore, in [mm]	Max. Working Temperature, degF [degC]	Differential Pressure Rating, psi [MPa]
7 [177.8]	23–38 [34.2–56.6]	4.000 [101.6]	HNBR: 325 [163] Aflas: 350 [177]	10,000 [69] Based on metallurgy
	23–38 [34.2–56.6]	3.250 [82.6]		
9 ⁵ / ₈ [244.5]	32.3–58.4 ¹ [48.1–86.9]	6.000 [152.4]		
	32.3–58.4 ¹ [48.1–86.9]	4.750 [120.7]		

¹Packers for casing weights 47–58.4 lbm/ft [69.9–86.9 kg/m] available on request