

UltraPak™ THH Permanent Hydraulic-Set Production Packer

Designed for single-trip, high-differential-pressure production and treating application

Applications

- High-pressure production and treating
- One-trip applications onshore and offshore
- Highly deviated wells and doglegs
- Fracture stimulation and monobore application
- Conditions prohibiting mechanical setting or well intervention

Features and Benefits

- Expandable metal backup rings provide a metal-to-metal barrier with the casing wall, preventing element extrusion.
- The packer can be installed in one trip, saving valuable rig time and associated costs.
- One-trip setting eliminates rotation or reciprocation of the tubing string, improving operation efficiency.
- The packer components are rotationally locked to enable rotation into liner tops and horizontal sections, saving rig time.
- Double O-ring grooves on all leak paths help to prevent future workovers, saving valuable rig time and associated costs.

Tool Description

The Weatherford UltraPak THH packer is a hydrostatic-set, interventionless, high-performance, permanent packer designed for one-trip, high-differential pressure production and treating applications. The performance-rating envelope of the UltraPak THH permanent packer displays combination loading from pressure and axial loads.

The UltraPak THH packer has passed rigorous International Organization of Standardization (ISO) 14310 test requirements and is available in most oilfield material specifications from alloy steel to corrosion-resistant alloy materials suitable for hydrogen sulfide (H₂S) service.



The Weatherford UltraPak THH packer can be installed in a single trip.



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Specifications

Casing				Packer			
OD (in., mm)	Weight (lb/ft, kg/m)	Minimum ID (in., mm)	Maximum ID (in., mm)	Maximum OD (in., mm)	Minimum OD (in., mm)	Standard Connections Box x Pin	Product Number
7.000 177.80	32.0 to 35.0 47.6 to 52.1	5.892 149.66	6.208 157.68	5.754 146.15	3.870 98.30	5 in., 18.0-lb VAM TOP® HC Box x Pin	1221589
9.625 244.50	40.0 to 53.5 59.5 to 79.6	8.405 213.49	8.968 227.79	8.250 209.55	4.750 120.65	5.5 in., 20.0-lb VAM TOP HT Box x Pin	173317
						5.5 in., 20-lb FOX® Box x Pin	1890192

Options

- Other connections, metals, and elastomers are available for hostile environments
- An external o-ring pressure-test kit is available for shop-testing the assembly

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