

UltraPak™ H and HU Permanent Hydraulic-Set Sealbore Packers

Enable single-trip installation, improving both operational efficiency and flexibility

Applications

- High-pressure production or testing
- Fracture stimulation
- Monobore applications
- Highly deviated wells and doglegs

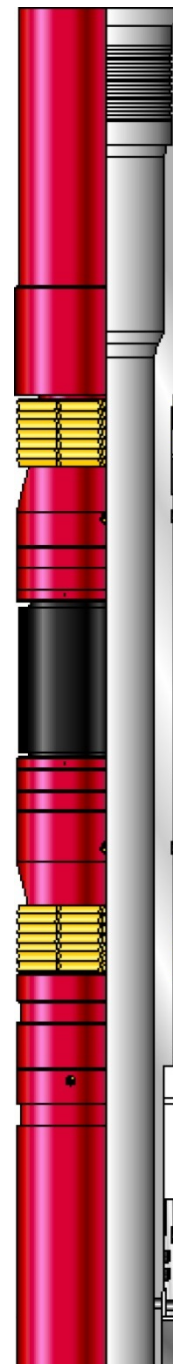
Features and Benefits

- The packers can be set in a single trip without rotating or reciprocating the tubing string, which saves valuable rig time.
- Expandable metal backup rings provide a metal-to-metal barrier with the casing wall, preventing element extrusion and enhancing reliability.
- The packer components are rotationally locked to enable rotation into liner tops and horizontal sections, which saves rig time.
- Full-strength, full-circle slips distribute the load evenly around the parent-casing wall, which maximizes the load rating and reliability.

Tool Description

The Weatherford UltraPak H and HU permanent hydraulic-set sealbore packers are designed for single-trip completions in straight to highly deviated wellbores with high differential pressure. The integral hydraulic-setting chamber enables single-trip installation for operational efficiency. The upper sealbore in the HU version is adapted for use in monobore completions, which provides operational flexibility. The robust, high-performance packers can be set without rotating or reciprocating the tubing string.

These packers have passed rigorous International Organization of Standardization (ISO) 14310 testing and are available with materials tailored for hostile environments.



Permanent hydraulic-set sealbore packer



UltraPak H and HU Permanent Hydraulic-Set Sealbore Packers

Specifications

UltraPak HU permanent packer

Casing				Packer				
OD	Weight	Minimum ID	Maximum ID	Style	Upper Bore	Lower Bore	Gauge OD	Product Number
5.000 in. 127.00 mm	15.0 to 18.0 lb/ft 22.3 to 26.8 kg/m	4.195 in. 106.55 mm	4.486 in. 113.94 mm	HU	3.000 in. 76.20 mm	1.968 in. 49.99 mm	4.060 in. 103.12 mm	892697
5.500 in. 139.70 mm	20.0 to 23.0 lb/ft 29.7 to 34.2 kg/m	4.578 in. 116.28 mm	4.868 in. 123.65 mm	HU	3.000 in. 76.20 mm	2.250 in. 57.15 mm	4.435 in. 112.65 mm	1384018
6.625 in. 168.00 mm	28.0 to 32.0 lb/ft 41.7 to 47.6 kg/m	5.569 in. 141.45 mm	5.897 in. 149.78 mm	HU	4.000 in. 101.60 mm	3.250 in. 82.55 mm	5.469 in. 138.91 mm	1367555
7.000 in. 177.80 mm	23.0 to 32.0 lb/ft 34.2 to 47.6 kg/m	5.990 in. 152.15 mm	6.466 in. 164.24 mm	HU	4.750 in. 120.65 mm	3.875 in. 98.43 mm	5.875 in. 149.23 mm	173497
	32.0 to 35.0 lb/ft 47.6 to 52.1 kg/m	5.892 in. 149.66 mm	6.208 in. 157.68 mm	HU	4.750 in. 120.65 mm	3.875 in. 98.43 mm	5.754 in. 146.15 mm	792203
				HU	4.000 in. 101.60 mm	3.250 in. 82.55 mm	5.794 in. 147.17 mm	1763670
	35.0 to 38.0 lb/ft 52.1 to 56.6 kg/m	5.801 in. 147.35 mm	6.123 in. 155.52 mm	HU	4.000 in. 101.60 mm	3.250 in. 82.55 mm	5.687 in. 144.45 mm	1381396
7.625 in. 193.70 mm	29.7 to 33.7 lb/ft 44.2 to 50.2 kg/m	6.662 in. 169.21 mm	6.987 in. 177.47 mm	HU	4.000 in. 101.60 mm	3.250 in. 82.55 mm	6.515 in. 158.75 mm	2251394
	33.7 to 39.0 lb/ft 50.2 to 58.0 kg/m	6.510 in. 165.35 mm	6.882 in. 174.80 mm	HU	4.750 in. 120.65 mm	3.875 in. 98.43 mm	6.250 in. 158.75 mm	2222953
				HU	4.000 in. 101.60 mm	3.250 in. 82.55 mm		303477
9.625 in. 244.50 mm	40.0 to 53.5 lb/ft 59.5 to 79.6 kg/m	8.405 in. 213.49 mm	8.968 in. 227.79 mm	HU	6.000 in. 152.40 mm	6.000 in. 152.40 mm	8.250 in. 209.55 mm	887932

UltraPak H permanent packer

Casing				Packer			
OD	Weight	Minimum ID	Maximum ID	Style	Bore	Gauge OD	Product Number
7.000 in. 177.80 mm	20.0 to 26.0 lb/ft 29.76 to 38.69 kg/m	6.187 in. 157.149 mm	6.552 in. 166.421 mm	H	4.000 in. 101.60 mm	6.025 in. 153.04 mm	710188
	23.0 to 32.0 lb/ft 34.2 to 47.6 kg/m	5.990 in. 152.15 mm	6.466 in. 164.24 mm	H	3.250 in. 82.55 mm	5.875 in. 149.23 mm	760326
					4.000 in. 101.60 mm		239408
9.625 in. 244.50 mm	40.0 to 53.5 lb/ft 59.5 to 79.6 kg/m	8.405 in. 213.49 mm	8.968 in. 227.79 mm	H	6.000 in. 152.40 mm	8.218 in. 208.74 mm	1135524

* An external pressure-test clamp is available for shop or rig-floor testing during the makeup of completion subassemblies.

A full range of completion accessories is available.

