



CERES Hydraulic Openhole Packer

Weatherford's CERES hydraulic openhole packer is a mechanical sealing packer designed for openhole multizonal isolation. The extended-length element is capable of holding high differential pressure needed for fracturing applications. The built-in antipreset device prevents the element from prematurely setting. The body-lock ring locks the element into position, holding differential pressure from above and below the element. The CERES packer is compact in length, aiding in deployment efficiency through high-dogleg well intervals.

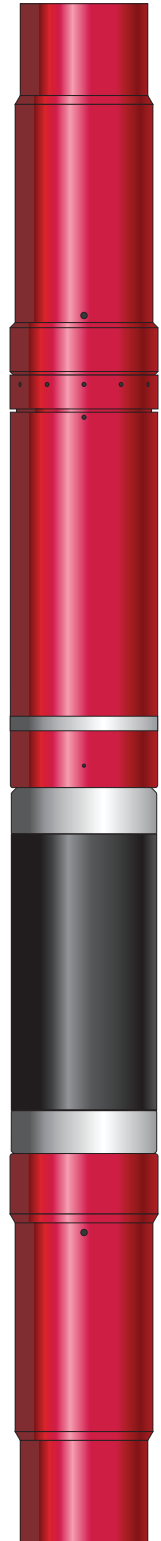
The CERES packer is part of Weatherford's ZoneSelect® fracturing system. This system provides an extensive portfolio of openhole isolation packers, selective stimulation sleeves, and ancillary equipment, which enables optimal performance in various operating and producing environments.

Applications

- Multizone isolation in stimulation and fracturing operations
- High-pressure fracturing stimulations
- Horizontal wells
- Completing wells underbalanced or on losses

Features, Advantages and Benefits

- Increased packing-element length improves openhole-sealing capability over other nonswelling-type element packers, reducing the need for packer redundancy.
- The high-performance packing-element system mitigates fracturing propagation around the packer, enhancing stimulation treatment effectiveness.
- No mandrel movement during setting ensures multiple tools can be spaced out without excessive load during setting operations.
- Built-in antipreset device coupled with a short packer length reduces operational risk in tight-hole and high-dogleg well intervals, improving operational efficiency and enhancing safety.





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Specifications

Size (in./mm)	3.50 × 4.75 88.9 × 120.7	4.50 × 7.88 114.3 × 200.0	5.50 × 7.88 139.7 × 200.0	5.50 × 8.75 139.7 × 222.0
Openhole size (in./mm)	4.75 to 4.88 121.0 to 124.0	7.88 to 8.00 200.0 to 203.0		8.75 to 8.88 222.0 to 225.0
Tubing size (in./mm)	3.50 88.9	4.50 114.3	5.50 139.7	
Tubing weight (lb/ft, kg/m)	9.20 13.1	13.50 20.1	23.00 34.3	17.00 25.3
Differential pressure rating (psi/MPa)	8,000 55.2	10,000 68.9	9,600 66.2	10,000 68.9
Minimum setting pressure (psi/MPa)	4,000 27.6			
Maximum temperature rating (°F/°C)	300° 150°			
Maximum OD (in./mm)	4.55 115.6	7.25 184.1		8.15 207.0
Drift ID (in./mm)	2.87 72.8	3.80 96.4	4.55 115.4	4.77 121.1
Overall length (in./mm)	48.00 1219.2	84.02 2134.1		53.01 1346.5

For internal use

Link to Endeca assembly part numbers: [CERES Openhole Packer](#)