



WidePak[™] One-Trip Straddle Packer

The Weatherford WidePak packer is a high-pressure straddle packer used for temporary or permanent isolation of tubing sections, perforations, or windows. The large packer throughbore enables maximum production after setting, and it permits access for a wide variety of intervention operations.

The WidePak packer can be run on coiled or jointed tubing and electric line with most common hydraulic and e-line setting tools. It enables high-pressure operations to 5,000 psi (345 bar) and at temperatures ranging from 40° to 325° F (4° to 163° C).

Applications

- · Temporary and permanent zonal isolation
- Tubing patch
- Water shutoff
- Zonal abandonment
- Deviated and horizontal wellbores

Features, Advantages, and Benefits

- A large bore provides optimized flow area for increased production and facilitates intervention operations through the straddle.
- A sliding sleeve can be incorporated between elements to enable selective zonal isolation.
- The straddle packer can be installed and retrieved on slickline, braided line, or coiled tubing in a single trip, minimizing downtime.
- Multiple conveyance methods for the packer enhance operational efficiency and promote its use in remote or costly offshore operations.



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Specifications

| Tubing Size (in.) | Tubing Weight (lb/ft) | ID Range (in., mm) | Packer Size (in.) | Maximum Gauge Ring OD (in., <i>mm</i>) | Maximum Packing Element OD (in., <i>mm</i>) | Body ID (in., <i>mm</i>) | Maximum Straddle Length (ft, <i>m</i>) | Temperature Pressure Rating (°F, °C) (psi, <i>kPa</i>) | Maximum Release Force (Ibf, <i>N</i>) |
|-------------------------|--------------------------|-----------------------|-------------------------|--|---|---------------------------------|--|---|---|
| 3-1/2 | 9.2 to 10.2 | 2.843 to 3.047 | 272 × 181 | 2.720 69.088 | 2.722 69.14 | 1.785 45.34 | 40.0 <i>12,2</i> | 40° to 275° 4.5° to 135° 5,000 34,475 | 7,200 32,027 |
| 4-1/2 | 12.6 to 15.1 | 3.741 to 4.000 | 366 × 238 | 3.665 93.218 | 3.654 | 2.350 | 40 12,2 | 40° to 275° 4.5° to 135° | 12,300 |
| | 10.5 to 12.6 | 3.885 to 4.110 | 372 × 238 | 3.720 94.996 | 92.812 | 59.69 | | 5,000 34,475 | 54,713 |
| 5-1/2 | 17.0 to 23.0 | 4.578 to 4.976 | 447 × 300 | 4.475 113.665 | 4.455 113.157 | 2.965 75.31 | 40 12,2 | 40° to 325° 4.5° to 162.8° | 13,000 57,826 |
| | 15.5 to 17.0 | 4.819 to 5.030 | 470 × 300 | 4.700 119.380 | 4.655 118.237 | | | 5,000 34,475 | |
| 7 | 32.0 to 38.0 | 5.801 to 6.208 | 572 × 400 | 5.725 145.415 | 5.710 145.034 | 3.965 101.60 | 40 12,2 | 40° to 275° 4.5° to 135° | 13,000 <i>57,82</i> 7 |
| | 26.0 to 32.0 | 5.990 to 6.380 | 593 × 400 | 5.930 1 <i>50.622</i> | | | | 5,000 34,475 | |

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2

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