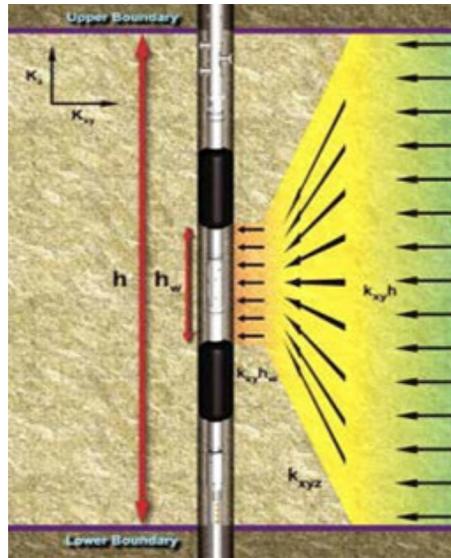


High strength Straddle packer

Test and sample in previously unexplored zones

The **high strength Straddle packer module** is an additional component of the Baker Hughes fluid characterization and testing portfolio. It features two custom-designed inflatable packer elements that are configured to isolate a 1-meter zone of the borehole to enable various tests to be conducted in this isolated interval. Full combinability with all **Reservoir Characterization eXplorer™ (RCX™) service modules** build on the proven reliability of the RCX platform.

The high strength straddle packer addresses the limitations frequently encountered while testing and sampling low-permeability, fractured, vuggy, and unconsolidated formations. The straddle packer can be used for mini-drill stem testing (mini-DST) applications, where a larger-scale fluid flow is initiated to better understand reservoir behavior. When combined with a single, remote observation probe, a vertical interference test (VIT) can be conducted over a larger interval to further reduce reservoir uncertainty. The high strength straddle packer can also be used to perform micro-frac testing for the quantification of borehole geo-mechanical properties.



Specifications

Temperature rating	350°F (176°C)
Pressure rating	25,000 psi (172.4 MPa)
Minimum hole size	5.88 in. (149.4 mm)
Maximum hole size	14 in. (431.8 mm)
Outside diameter	4.75 in. (120.7 mm)

Applications

- Previously unexplored zones
- High-pressure environments
- Unconsolidated formations
- Ultra-low mobility reservoirs
- High-overbalanced formations

Benefits

- Full combinability with all RCX service modules build on the proven reliability of the RCX platform
- Variable isolated zone allows characterization of representative zones and increases completion decision confidence
- Efficiently sample with the Fluid Inlet Relocator
- Full Area filters to achieve objectives in challenging high solids and LCM mud
- In-line temperature probe monitors the flowing temperature of the fluid
- In-line quartz pressure crystal with zero-depth offset determines formation pressures with no offset
- Standard elements that cover both water- and oil-based mud systems allow deployment versatility