



ERS Seal Stem

The Weatherford ERS seal stem is specifically designed to withstand high-pressure gas or fluid environments and provide a means to tie back into a liner using a tieback polished bore receptacle (PBR). The high-performance ERS seal stem has multiple extrusion-resistant seals that form an effective barrier against the honed inner diameter (ID) of the PBR.

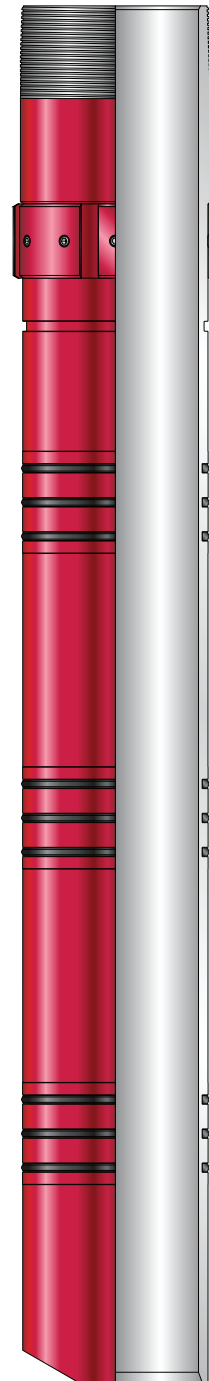
Applications

Static seal applications such as:

- Tieback packers
- Cemented tieback strings
- Scab liners
- High-pressure applications within the specified range

Features, Advantages, and Benefits

- The HNBR elastomer seals can withstand high temperatures and high-differential pressures, so they are suitable for most well conditions, including hydrogen sulfide (H₂S).
- The full-bore ID poses no restrictions to liner access for future intervention and remedial operations.
- The extrusion-resistant seals are integrated within the body to allow the ERS seal stem to provide collapse-pressure support for the PBR when it is fully engaged.
- The tieback seal stem is designed to bottom locate in the PBR.
- The locator provides positive indication that the seal stem is correctly positioned inside the PBR.
- The integral mule shoe allows proper alignment of the seal stem with the PBR, which enhances reliability.





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Specifications

For more information, contact an authorized Weatherford representative.

Options

- Standard length is 15 ft (4.6 m). Lengths up to 30 ft (9 m) are available upon request.
- Standard metallurgies in most sizes are L-80 and P110 (125 ksi and 861.8 MPa). Other metallurgies are available upon request.
- Standard assembly includes three sets of bidirectional seals.