

Coiled-Tubing Conveyed Inflatable Retrievable Bridge Plug (CT-IRBP)

Provides reliable isolation for stimulation and workovers in which the bridge plug must pass through a restriction

Applications

- Stimulation and workover operations in which the bridge plug must pass through a restriction
- Temporary or permanent isolation of the lower wellbore
- Isolation for wellhead change-outs or perforated intervals, gravel-pack screens, slotted liners, and tubing or casing

Features and Benefits

- Straight-pull shear release facilitates retrieval with coiled tubing (CT).
- The CT-IRBP tool incorporates the Weatherford patented Get A Grip™ anchoring technology to enhance anchoring ability and minimize the risk of a misrun.
- High-performance inflation elements, capable of up to 3:1 expansion, make the CT-IRBP ideal for high-expansion applications.
- Equalization takes place inside and outside the toolstring during retrieval, which helps prevent equalization problems and misruns.

Tool Description

The Weatherford coiled-tubing conveyed inflatable retrievable bridge plug is a high-performance inflatable bridge plug. It incorporates a high-expansion inflatable element and a robust chassis for remedial bridge plug applications. The CT-IRBP can be conveyed into the wellbore on coiled tubing or jointed pipe. This single-set tool must be returned to the surface and redressed before re-use.

Specifications

Tool OD	Overall Length	Fishneck OD
1.69 in. (42.93 mm)	86.56 in. (2,198.62 mm)	1.00 in. (25.40 mm)
1.81 in. (46.05 mm)		
2.13 in. (54.10 mm)	88.33 in. (2,243.58 mm)	
2.50 in. (63.50 mm)		
2.88 in. (73.03 mm)		
3.38 in. (85.73 mm)	89.38 in. (2,270.23 mm)	
5.250 in. (133.35 mm)		



The CT-IRBP high-performance inflatable bridge plug can be conveyed downhole on coiled tubing or jointed pipe.

