

# ISO Ultra Extreme Retrievable Bridge Plug

Creates a VO-rated barrier that isolates the wellbore without need of a nipple profile

## Applications

- Packer setting and completion installation
- Contingent plugging of completions with damaged nipples
- Temporary zonal isolation/plugging
- Hanging completion accessories within the tubing string
- Temporary well suspension
- Pressure testing of production tubing and packer setting
- Wellhead repair and replacement

## Features and Benefits

- The ISO Ultra Extreme retrievable bridge plug is tested to ISO 14310 V0 standards for high-performance reliability.
- The 15,000-psi (103.42-MPa) pressure rating provides high-integrity sealing that minimizes loss-of-containment risk and associated health, safety, and environmental risks.
- Retrieval is achieved by means of an internal sleeve that is shifted down to equalize the pressure and then sheared up to release. This minimizes the risk of the plug releasing before equalization.
- An internal and external fish neck provides options for removal from the wellbore.
- The short maximum running OD enables passage through wellbore restrictions.
- The ISO Ultra Extreme bridge plug can be deployed on industry-standard-setting tools using any means of conveyance, which enhances operational flexibility.
- The element booster system traps boost pressure into the elements for higher-pressure and -temperature applications.
- Rotational locking during milling operations facilitates removal if the plug cannot be retrieved conventionally.
- Optimized slip and casing contact minimize potential damage to tubing.
- The flow area through the ports exceeds the ID area to mitigate the risk of debris plugging the bridge plug in overbalanced situations.
- The plug releases with as little as 3,000 lb (1,361 kg) to allow for the use of slickline for retrieval.
- The plugs are compatible with existing standard and trip-saver junk catchers to minimize inventory requirements.
- Body lock rings in the slip system prevent re-engagement of the slips after release.



The ISO Ultra Extreme bridge plug creates a VO-rated barrier to temporarily isolate the wellbore.



# ISO Ultra Extreme Retrievable Bridge Plug

## Tool Description

The Weatherford ISO Ultra Extreme retrievable bridge plug sets on electric line, slickline, tubing, or coiled tubing (CT) to temporarily isolate the well. Its high-performance HNBR packing element provides a V0-rated seal that holds pressure from above and below while protecting the bidirectional, low-stress slip system from debris contamination. The plug is easily retrieved on tubing, CT, or slickline using a standard GS retrieval tool. An external fish neck is incorporated into the design as an alternative retrieval method. Once the retrieval tool engages the top of the plug, jarring down will shear an equalizing valve that locks in the open position. Straight pull releases the plug, and a release-retention system maintains run-in diameter of the plug for easy removal from the wellbore.

## Specifications

Casing/Tubing			Maximum OD	To Pass Restriction	Length	Temperature Rating	ISO	Pressure Rating Above	Pressure Rating Below
Size	Weight	ID Range							
4-1/2 in. (114.30 mm)	17.7 lb/ft (25.3 kg/m)	3.657 to 3.822 in. (92.89 to 97.08 mm)	3.550 in. (90.17 mm)	3.580 in. (90.93 mm)	142 in. (3,606.8 mm)	75 to 350°F (24 to 177°C)	V0	15,000 psi (103 MPa)	15,000 psi (103 MPa)
	18.8 lb/ft (28.1 kg/m)	3.547 to 3.727 in. (90.10 to 94.67 mm)	3.460 in. (87.88 mm)	3.490 in. (88.65 mm)					

