

Ultra Reach Flotation Collar II – XT

The Ultra Reach Flotation Collar II eXtreme Torque (URFC-II XT) is a casing deployed flotation tool that allows air to be trapped inside the lower part of the casing during deployment. The unique body design allows the URFC-II XT to be used with high torque premium connections where rotation is required.

Unlike other high torque flotation collars the URFC-II XT is able to withstand tensile loads while rotating. The proprietary torque mechanism eliminates combined loading failures that can occur in these challenging wellbores.

With the increases in lateral lengths and complexity in wellbore trajectories, the URFC-II XT provides flotation without the integrity compromise that comes with a conventional flotation collar.



Features

- Proprietary torque loading mechanism permits tensile loads to be applied while rotating without loss of integrity
- Full Casing ID after opening
- No intervention requirement compared to deep-set/horizontal wireline plugs
- Circulation established hydraulically through differential pressure with predetermined burst pressure
- Installed as integral part of the casing

Benefits

- Allows rotation to reach TD
- The tool is fully independent of tension and will meet or exceed the current high torque casings currently being used in the industry
- No debris sub required due to small debris size
- Different settings are available to accommodate a large range of depths and mud weights
- Glass barrier shatters into fine particles, 5 - 10 mm in diameter

Applications

- Long laterals, also known as extended-reach laterals
- Can be run when rotation is required
- Laterals where casing is difficult to achieve target depth to ensure the wellbore integrity remains intact

Casing Size in. (mm)	Casing Weight Range lb/ft (kg/m)	Max OD in. (mm)	Min ID in. (mm)	Overall Length in. (mm)	Max Torque ft-lbs (N-m)	Rupture Glass Differential Pressure psi (kPa)	Temp Rating °F (°C)
5.50 (139.7)	20 - 26 (30 - 39)	6.5 (165.1) 7.09 (180.09)	Compliant with casing	38.82 (986.0)	60,000 (81,350)	2,500 - 10,000 (17,230 - 69,000)	325 (163)
6.00 (152.4)	18.80 - 25.50 (28 - 38)	7.30 (185.42)	Compliant with casing	38.82 (986.0)	80,000 (108,465)	2,500 - 10,000 (17,230 - 69,000)	325 (163)

NOTE: Ratings exclude end connections.