

Unity single-use wireline adapter kit and frac plug setting tool

Accelerate rig-up, reduce risk, and improve reliability



Unity single-use wireline adapter kit and frac plug setting tool. This illustration shows the Unity tool configured with the ReacXion Nano frac plug suitable for saltwater fluids.



Pressure:

Rated up to 10,000 psi



Temperature:

Rated up to 275 degF [135 degC]



Scan the QR code for up-to-date specifications and ratings.

Applications

- Plug-and-perf multistage fracturing operations
- Dropoff market to minimize human errors related to plug assembly

How it improves completions

- Confidence and comfort of preassembled setting tool and wireline adapter kit
- Reduced operating time and HSE risk
- Greater plug setting reliability through minimized risk of presetting and incomplete setting

How it works

The Unity* single-use wireline adapter kit and frac plug setting tool combines the advantages of the FracXion* fully composite and ReacXion* fully dissolvable frac plug portfolios with a single-use, recyclable setting tool that increases reliability and expedites rig-up. The setting tool streamlines multistage fracturing operations by building upon the same platforms that have enabled tens of thousands of successful frac plug runs. However, it takes reliability further by eliminating the need to redress the setting tool at the wellsite, thereby avoiding field-assembly error and minimizing the potential for human error.

The Unity tool is compatible with FracXion and ReacXion plugs, which can be run with the ball in place or with the ball dropped from surface when the plug is in position. The setting tool and frac plug are preassembled before delivery to the wellsite. The setting tool and plug are designed to work together, minimizing the possibility of incomplete setting. The effective bottomhole assembly is also shorter and lighter. This equates to easier handling and pumpdown operations and reduces HSE risks.

Because the single-use Unity tool is preassembled and recyclable, no maintenance or redressing is required. The setting tool self-bleeds downhole, thereby eliminating exposure of personnel to pressurized tools on surface. Further, the tool contains no oil, so there is no added risk of disposing of, handling, or spilling the substance. The setting tool can adapt to commonly used industry firing heads. Once stimulation operations are complete, the plugs can be easily milled out (for FracXion frac plug operations), or they can dissolve in standard stimulation and wellbore fluids (for ReacXion frac plug operations).

What it replaces

Discrete frac plug and wireline adapter kits. The Unity setting tool integrates these in one preassembled solution, expediting rig-up and minimizing downtime.

What else I should know

Plugs can be configured in ball-drop or ball-in-place configuration.