

FracXion fully composite frac plugs

Consistent, repeatable plug-and-perf fracturing and less time to mill to TD



Pressure:

Rated up to 10,000 psi [69 MPa]



Temperature:

Rated up to 275 degF [135 degC]



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

Where are they used

Applicable for any plug-and-perf operation

How they enhance performance

- Consistent, repeatable deployment and setting on depth
- Short and compact designs that reduce plug material for fast milling and hole cleaning
- No wellsite maintenance when configured as Unity* single-use wireline adapter kit and frac plug setting tool

How they improve plug-and-perf operations

FracXion* fully composite frac plugs are set using wireline or coiled tubing or on pipe. Antipreset measures increase confidence at higher run-in-hole speeds, saving time. An optional pumpdown ring reduces fluid bypass, saving fluid as well as time. Integrating the frac plugs with the Unity setting tool eliminates the potential for human error and operational delays.

How they improve fracturing operations

A one-way internal check valve is closed with a ball while the zone above the plug is fractured. The plug can be run with the ball in place or the ball can be dropped from surface when the plug is in position. The check valve enables free flow of fluids from below the plug after stimulation.

How they accelerate milling, even in longer laterals

FracXion plugs are designed for milling out with minimal torque and circulating debris to surface at lower circulation rates to protect your fractures. They use a packer element compound that drills out into small chunks that are easily swept to surface. The hollow metal button slips are designed to shatter during milling, reducing metal content and debris sizes. Special clutch features at the top and bottom of the plugs prevent spinning between plugs, reducing milling time to total depth—even in the longest laterals

What is the latest technology?

- FracXion Micro* fully composite frac plugs span the full casing weight, enable configurable buttons, and have a higher temperature rating.
- FracXion Nano* compact fully composite frac plugs are shorter with tighter casing weight ranges and sintered metal buttons.
- Both are compatible with Unity setting tools in select sizes.



Here, a typical aluminum can (left) for scale, FracXion Nano (center) and FracXion Micro (right) plugs.

Which FracXion plug is right for me?		
	FracXion Nano Frac Plug	FracXion Micro Frac Plug
Plug body	Fully composite	Fully composite
Temperature rating, degF [degC]	225 [107] [†]	Up to 275 [135]
Pressure rating, psi [MPa]	Up to 10,000 [69]	Up to 10,000 [69]
Length	Compact	Standard
Compatibility with Unity setting tool	Select sizes	Select sizes
Casing sizes, in	5.5 [†]	4.5, 5, 5.5, or 6
Casing weight spanning	Partial	Full
Configurable button materials	Sintered metal	Sintered metal or ceramic

[†] Scan the QR code for up-to-date ratings.

What else should I know

- Intuitive field assembly or preassembly with Unity setting tool
- Proprietary angled antiextrusion backup system for 360° element support
- Optimized slip material and design that minimizes hardened material and reduces milling time
- Button material options of sintered metal or ceramic
- Proprietary slip design that prevents button chipping and plug slipping
- Integrated shear-ring design that simplifies assembly onto the adapter kit that connects to standard setting tools
- Innovative locking feature that minimizes number of slips (FracXion Nano frac plug)