

FracXion Micro

Fully composite frac plug



Rated up to 10,000 psi
[69 MPa]



Rated up to 275 degF
[135 degC]

APPLICATIONS

- Vertical, deviated, and horizontal wells
- Zonal isolation during multistage stimulation operations

BENEFITS

- Improves milling speed and reduces debris size
- Minimizes risk of presetting
- Minimizes fluid costs and environmental impact when used with pumpdown ring

FEATURES

- Three-step procedure that simplifies assembly in the field
- Proprietary angled antiextrusion backup system that provides 360° element support
- Positive clutch engagement with lower plugs to facilitate quicker mill times
- Optimized slip material and design to minimize the amount of hardened material and improve milling time
- Proprietary slip design to keep buttons from chipping and plugs from slipping
- Range of setting options: wireline, coiled tubing, or threaded pipe
- Integrated shear ring design that simplifies assembly onto the adapter kit that connects to standard setting tools

The FracXion Micro* fully composite frac plug isolates zones in vertical, deviated, and horizontal wells during multistage stimulation. It is set using wireline, coiled tubing, or threaded pipe.

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 allows free flow of fluids from below the plug after stimulation.

Faster millout and reduced debris size

Based on extensive experience with coiled tubing operations, the FracXion Micro plug is designed for milling out with minimum torque, generating cuttings that are easily circulated out of the well. Special clutch features at the top and bottom of the plug prevent spinning between plugs during millout, reducing millout time.

The plug has hollow metal button slips that are designed to shatter during milling. This feature and the reduced metal content improve millout time and decrease debris size even further.

Faster run-in speeds

Antipreset measures provide an industry-leading design that increases confidence at higher run-in-hole speeds.



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FracXion Micro Frac Plug Specifications

Casing Size, in [mm]	Casing Weight, lbm/ft [kg/m]	Plug OD, in [mm]	Min. ID, in [mm]	Ball Diameter, in [mm]	Length, in [mm]	Pressure Rating, psi [kPa]	Temp. Rating, degF [degC]
5.500 [140]	17–23 [25.30–34.23]	4.380 [111]	1.25 [32]	1.5 [38]	16.35 [415]	10,000 [68,948] 8,000 [55,158]	225 [107] 275 [135]
4.500 [114]	11.6–15.1 [17.26–22.47]	3.500 [89]	0.906 [23]	1.25 [32]	13.64 [346]	10,000 [68,948] 8,000 [55,158]	225 [107] 275 [135]

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