

**WOS exclusive  
injection molded,  
thermoplastic design**

# Abrams Frac & Bridge Plug

 All plugs are designed in-house by WOS, thus allowing exclusive customization for specialty operations



## About This Product

As well trajectories and associated lengths continue to increase in complexity, the composite plug market requires a solution that enhances operational efficiencies throughout frac and drill-out operations. With comprehensive backgrounds in both plug manufacturing and operations, WOS has designed a composite plug that keeps both the completion and interventions teams in mind. The Abrams composite frac and bridge plug combines years of industry expertise into a product that is reliable, efficient, and adjustable based on customer needs. All plugs are designed in-house by WOS, thus allowing for exclusive customization for specialty operations.

## Benefits

- Premature setting eliminated with single component slip design
- Ball on seat option reduces pump time and water usage
- Constant evolution of plugs based on previous jobs
- Low specific gravity allows for material to float back to surface

 Provides smaller, more uniform cuttings while extending the bit life

# Abrams Frac & Bridge Plug

## Product Details

Plug OD/Type	4.375 Frac	4.375 Bridge
Casing Range	5-1/2 17-23#	5-1/2 17-23#
Pressure Rating	10,000 PSI	10,000 PSI
Temp Rating	200° F	200° F
Ball OD	1.5	n/a
Setting Tool	No. 20 or Shorty	No. 20 or Shorty



 Next generation application optimized buttons

## Features

- Injection molded, thermoplastic design, introduces the next generation of plugs
- Industry's lowest specific gravity plug, as components range from 1.3 to 2.1
- Carefully selected slip button material to allow for better anchoring and reduced risk of slippage
- Configurable to allow for pump down ring usage
- Available in bridge plug configuration

## Accessories

- Wireline Adapter Kit
- Setting Tool
- Pump Down Rings
- Chemical Distribution System
- Injection molded thermoplastic design parts



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**★ MADE IN HOUSTON, TX, U.S.A. ★**