

## Minima™ Composite Frac Plug

Isolates the formation for fracturing operations in plug-and-perf completions, leaving minimal material in the wellbore

### Applications

- Multizone plug-and-perf completions
- Stimulation of unconventional, vertical, deviated, and horizontal wells

### Features and Benefits

- Unprecedented short length—just 12 in. (305 mm) for the bottom-setting model—minimizes composite material in the wellbore.
- The composite top slip has a single row of powder-metal buttons, enabling quick drillouts without sacrificing performance. The bottom slip can be configured as either a cast iron ring or a composite slip with powder-metal buttons.
- Beveled bottom prevents the body from spinning, which decreases drillout time for multiple plugs.
- Lightweight cuttings lift easily to circulate out to surface during drillout.
- Optional pump-down ring decreases the amount of fluid needed to pump plugs in the horizontal section.

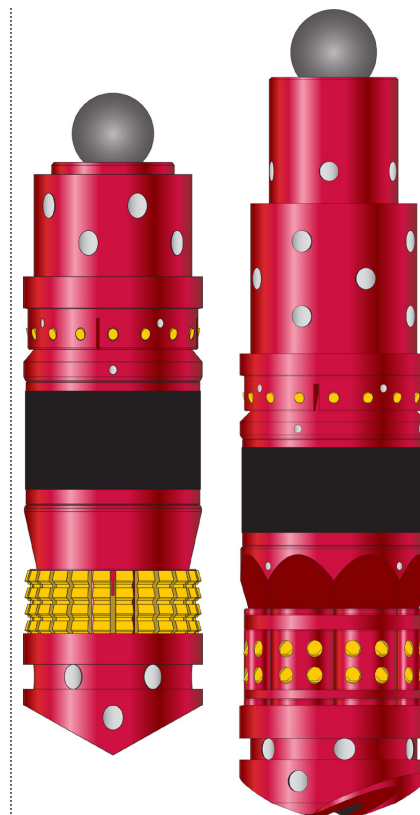
### Tool Description

The Weatherford Minima composite frac plug isolates a formation for fracturing operations in multiple-zone plug-and-perf completions. This frac plug is available in either a top ball or internal ball configuration. After setting, the top ball design seals pressures using a ball run in place or dropped from the surface. The internal ball design seals with pressure applied from above.

Minima plugs are rigorously tested to meet high standards. The plug meets or exceeds ISO 14310 and API 11D1 pressure hold criteria.

### Specifications

Size	Weight Range	Maximum OD	Length	Slip Style	Setting Style	Setting Tool	Temperature Rating	Pressure Rating
4.5 in. (114.3 m)	11.6 - 13.5 lb/ft (17.26 - 20.09 kg/m)	3.66 in. (92.96 mm)	14.5 in. (368.3 mm)	Composite slip with powder metal buttons	Shear screw (from above)	Baker #10 or Owen	250°F (121°C)	10,000 psi (68.95 MPa)
5.5 in. (139.7 m)	20.0 to 23.0 lb/ft (29.8 to 34.2 kg/m)	4.375 in. (111.1 mm)	17.25 in. (438.2mm)			Cast iron ring		
			12.0 in. (304.8 mm)					



The Weatherford Minima composite frac plug ranges from 12 in. to 17.25 in., and offers multiple slip and setting styles.

