

FracShield Composite Bridge Plug

Isolates the formation for fracturing operations in single- and multiple-zone plug-and-perf completions

Applications

- Single- and multiple-zone plug-and-perf completions
- Vertical, deviated, or horizontal wellbores

Features and Benefits

- Element and backup system provide a tight seal during fracturing operations.
- Optimized metal content of upper and lower slips provide superior anchoring capability and increase drillout efficiency.
- Beveled bottom prevents the plug body from spinning, which decreases drillout time.
- Optional pump-down ring decreases the amount of fluid needed to pump plugs through horizontal intervals.
- Lightweight cuttings lift easily during drillout, to minimize plugging.

Tool Description

The Weatherford FracShield composite bridge plugs seal from above and below to isolate a formation for fracturing operations in both single- and multiple-zone plug-and-perf completions. This composite bridge plug performs in underbalanced operations and in vertical to highly deviated wellbores. The plug is rated up to 300°F (149°C) and 10,000 psi (689 bar) to withstand a wide range of environments. It achieves efficient drillouts using tricone or junk-mill bits and accommodates coiled-tubing milling.



The beveled bottom prevents the body from spinning, to decrease drillout times.

Specifications

Casing Size	Casing Weight	Maximum Tool OD	Temperature Rating	Pressure Rating Above	Pressure Rating Below	Setting Tool
4.5 in. (114.3 mm)	9.5 to 13.5 lb/ft (14.14 to 20.09 kg/m)	3.66 in. (92.96 mm)	300°F (149°C)	10,000 psi (689.48 bar)	8,000 psi (551.58 bar)	Baker #10
5.0 in. (127.0 mm)	18.0 to 21.4 lb/ft (26.79 to 31.85 kg/m)					
5.5 in. (139.7 mm)	17 to 23 lb/ft (25.3 to 34.23 kg/m)	4.375 in. (11.25 mm)				Baker #20

Note: Supported casing may be required with maximum differential pressure.

