



FracGuard™ Series Composite Bridge Plug

Weatherford's *FracGuard* Series composite bridge plug isolates zones during high-pressure stimulation. The composite body and component construction of the plug enables rapid drillout with common workover-type bits and conventional mills. The lightweight produced cuttings lift easily and do not pile up on plugs below when used in multiple-plug applications.

FracGuard composite bridge plugs are available in a standard version as well as a high-pressure/high-temperature (HPHT) version. The FP6 (standard) bridge plug is rated to 6,000 psi (41.3 MPa) differential pressure from above and below at temperatures up to 250°F (121°C). The FP10 (HPHT) version is rated to 10,000 psi (68.9 MPa) differential pressure from above and below at temperatures up to 300°F (148°C).

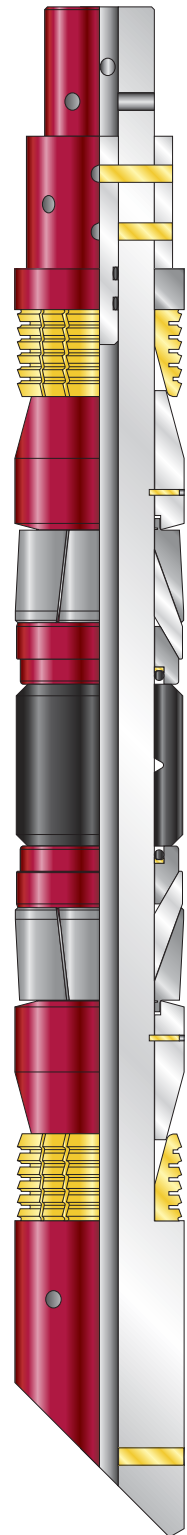
Both the standard and the HPHT bridge plugs can be run on tubing, drillpipe, coiled tubing, or wireline using conventional bridge-plug setting equipment.

Applications

- Single- or multiple-zone stimulation
- Vertical, deviated, horizontal, or multilateral wellbores
- Underbalanced, multiple-zone completions
- Temporary well plugging

Features, Advantages and Benefits

- Composite plugs hold full differential pressure from above and below, ensuring operational reliability.
- A beveled bottom prevents the body from spinning, decreasing drillout time.
- *FracGuard* bridge plugs enable multiple plugs to be run to isolate a series of zones, improving operational efficiency.
- A bridge plug can be drilled out quickly with conventional tricone or junk-mill bits, saving rig time and associated costs and mills.
- Lightweight cuttings lift easily, minimizing plugging of surface equipment.
- Bridge plugs enable underbalanced drillout of multiple plugs, protecting sensitive formations.





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Specifications

Casing		Recommended Casing Range		Maximum OD (in./mm)	Temperature Rating (°F/°C)	Pressure Rating (psi/MPa)	Product Number
Size (in./mm)	Weight (lb/ft, kg/m)	Minimum (in./mm)	Maximum (in./mm)				
3-1/2 88.90	12.95 19.2	2.750 69.85	2.750 69.85	2.560 65.02	300 148	10,000 68.9**	CPB-36-PLUG10K
4-1/2 114.30	9.50 to 13.50 14.1 to 20.1	3.920 99.57	4.090 103.89	3.660 92.96	300 148	10,000 68.9 *	CPB-45-PLUG10K
4-1/2 114.30	15.10 to 16.60 22.4 to 24.7	3.754 95.35	3.826 97.18	3.595 91.31	300 148	10,000 68.9 *	CBP-46-PLUG10K
5-1/2 139.70	15.50 to 23.00 23.0 to 34.2	4.670 118.62	4.950 125.73	4.370 111.00	300 148	10,000 68.9 *	CBP-55-PLUG10K
7 177.80	20.00 to 32.00 29.8 to 47.6	6.094 154.79	6.456 163.98	5.800 147.32	300 148	8,000 55.1	CPB-70-PLUG8K

*12,000 psi (82.7 MPa) rating available upon request.

**10,000 psi (68.9 MPa) rating from above, 8,000 psi (55.1 MPa) rating from below.