SWITCHBLADE

Precision-crafted frac plug that cuts through challenges with unrelenting performance and industrial strength.

OVERVIEW

Intelligent, Testable Ball-Free Isolation with INFIL Technology

Introducing the Switchblade, powered by our patent-pending INFIL-TEST technology designed for testable isolation with built-in dual contingency options. Unlike conventional plugs, the Switchblade enables pressure testing before the frac while maintaining contingency capabilities.

BENEFITS

Engineered to Outperform Conventional Plugs

- INFIL-TEST Tech (patent-pending) pre-frac isolation testing, Eliminates Ball-Drop Risks: INFIL™ Technology provides on-command isolation, removing failure points from traditional ball systems.
- Significant Time & Fluid Savings: Faster operations with no flow-back or ballcatch recovery, minimizing downtime between stages.
- Reliable, Controlled Mill-Out: Integrated clutch system and composite body ensure clean, consistent removal—typically in under 8 minutes per plug.
- Enhanced Safety & Efficiency: No risk during misfires or gun failures, and fewer intervention requirements at surface.
- Optimized for High-Pressure Operations: 10,000 psi differential pressure rating and fully composite materials ensure performance under extreme conditions.
- Field-Proven Design: Built on Longbow's track record of engineering excellence and continuous innovation in completions technology.

APPLICATION

Purpose-Built for Plug-and-Perf Operations

- Designed for plug-and-perf operations within unconventional completions.
- Provides secure, efficient zone isolation
- Excels in low-pressure wells and challenging environments where traditional plugs risk misfires or debris issues.
- Ideal for extended laterals and multi-stage fracs, maintaining performance consistency across stages.
- Integrates seamlessly into modern completion programs, simplifying logistics and reducing operational steps.

TECHNICAL SPECIFICATIONS

Casing Size in.	4.5	5.0	5.5	6.0
Weight lbs.	11.60 - 15.10	17 - 23	17 - 23	22.30 - 26
Tool OD in.	3.60	3.90	4.30	4.8
Tool ID in.	1.00	1.00	1.00	1.00
Tool OAL in.	18.10	19.70	18.45	21.27
Max Temperature F	250	250	250	250
Pressure psi	10,000	10,000	10,000	10,000