



OVERVIEW

Intelligent, Ball-Free Isolation with INFIL Technology

HNS's groundbreaking, patented INFIL technology eliminates the risks associated with "ball-in-place" misfires while restoring efficiencies lost during traditional balldrop operations. Building on the INFIL legacy first introduced with the Reaper MAX frac plug, this innovation marks a true step change in completions performance. By combining a robust contingency mechanism with a micro-element design to dramatically reduces wellbore debris—delivering cleaner operations, improved reliability, and greater overall efficiency.

BENEFITS

Engineered to Outperform Conventional Plugs

- 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.
- Top and Bottom Slips for a better pack off, Compact and robust design, Slim OD allows run in restricted casing ID, Can be set on wireline or coil tubing using conventional setting tool.
- 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.

TECHNICAL SPECIFICATIONS

Casing Size in.	4.5
Weight lbs.	13.50 - 15.10
Tool OD in.	3.56
Tool ID in.	1.00
Tool OAL in.	9.87
Max Temperature F	250
Pressure psi	10,000

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.

