



SCORPION™ EXTENDED RANGE COMPOSITE PLUG

GO BEYOND THE NARROWEST CASING RESTRICTIONS.

Get ahead of casing failures in the longest of laterals with the Scorpion™ Extended Range Composite Plug. This tool is designed to efficiently move through the narrowest restrictions with its ultra-small diameter that expands to fit 4.5-inch, 5-inch or 5.5-inch casings securely. Operators can also take advantage of Nine’s modeling software with the Scorpion™ Extended Range Composite Plug which verifies if successful pump-down operations are achievable.

Features

- Compact and easy running
- Small diameter that expands to securely fit 4.5-inch, 5-inch or 5.5-inch casing
- Ceramic button slips for a secure set-in hardened casing (i.e., ICY casing)
- Unique lug design on top and mule shoe on bottom eliminating spin during drill out
- Can be drilled using conventional stick pipe or coiled tubing
- Compatible with Nine’s wireline service modeling software for verification of successful pump-down operation

CASING SPECS			PLUG SPECS							
Casing Size O.D. inch (mm)	Casing Weight Range lb/ft (kg/m)	Casing I.D. inch (mm)	Tool Description	Max. Conveyance O.D. inch (mm)	Max. PDR O.D. inch (mm)	Compressed PDR O.D. inch(mm)	I.D. inch (mm)	RIH Length inch (mm)	Ball Size inch (mm)	Pressure Rating psi (Mpa)
4.5 (114.3)	9.5-11.0 (14.1-16.4)	4.03-4.09 (102.3-103.9)	Ball in Place / Ball Drop	3.12 (79.2)	3.37 (85.6)	3.12 (79.2)	0.50 (12.7)	29.11 (739.4)	1.75 (44.5)	10000 (69)
5.0 (127.0)	23.2 (34.5)	4.04 (102.7)	Ball in Place / Ball Drop	3.12 (79.2)	3.37 (85.6)	3.12 (79.2)	0.50 (12.7)	29.11 (739.4)	1.75 (44.5)	10000 (69)
5.5 (139.7)	17.0-23.0 (25.3-34.2)	4.89-4.67 (124.3-118.6)	Ball in Place / Ball Drop	3.78 (96.0)	4.05 (102.9)	3.78 (96.0)	1.00 (25.4)	31.74 (806.2)	2.38 (60.3)	10000 (69)

Casing Specs are according to API Tubing/Casing Dimension Chart Information.
This product may be covered by one or more patents or pending patent applications.

For recommended safe bypass rate parameters, please refer to the Completions Technologies page at nineenergyservice.com

For more information, and to find a representative near you, visit nineenergyservice.com