

XacToe™

INITIATION SLEEVE



OVERVIEW

Interra Energy's XacToe™ Initiation Sleeve is pressure activated via absolute pressure burst disks. The burst disks are designed and manufactured by Interra providing tight quality control. This enables reliable opening pressure accuracy ($\pm 3\%$), making this tool one of the most reliable toe sleeves on the market.

The XacToe sleeve eliminates the use of coiled tubing or tubing-conveyed perforating for the first stage of fracturing operations. After establishing communication, the XacToe sleeve can also be used to stimulate the formation for the first treatment stage.

OPERATION

The XacToe Initiation Sleeve is installed near the toe of the well as part of the casing string during the completion process. The tool can be run in a cemented or open hole completion.

After successful pressure test of the casing, pressure is then increased to the pre-calculated activation pressure, which immediately shifts the sleeve. 100% of the flow area is then available for stimulation or pumping down perforation guns.

SPECIFICATIONS

Tool Size in. (mm)	Tool OD in. (mm)	Tool ID in. (mm)	Length ft (m)
4.50 (114.3)	5.750 (146.05)	3.920 (99.57)	2.12 (0.65)
5.00 (127.0)	5.750 (146.05)	3.920 (99.57)	2.12 (0.65)
5.50 (139.7)	6.875 (174.63)	4.778 (121.36)	2.20 (0.67)

Features & Benefits

- ★ Full bore.
- ★ $\pm 3\%$ opening accuracy.
- ★ Three burst disks for redundancy.
- ★ Burst disks available in 500 psi increments.
- ★ Does not require time delay for activation.
- ★ Atmospheric (absolute) pressure activation provides reliable opening pressure accuracy.
- ★ Greater flow area than burst port technology.
- ★ Compatible with all industry wiper plugs.
- ★ Shift sleeve travels up to prevent accidental opening with wiper plugs.
- ★ Activation pressure can be configured to reservoir and customer requirements.
- ★ Locking mechanism keeps the XacToe sleeve open once activated.
- ★ Optional ball seat configuration to pressure test liner.
- ★ Can be run in cemented or open hole completions.
- ★ Compact tool length eliminates need for pup joints.
- ★ Torque through design.