

PRODUCT OVERVIEW:

The Zone Starter Gen I is a pressure activated sleeve designed to work as an annular communication device between the well bore and the formation. Additionally, the Zone Starter allows operators to pressure test their casing to ensure casing integrity prior to activating the sleeve. The Zone Starter can be used in cemented or un-cemented applications and is typically run near the toe in horizontal well bores.

After a well bore integrity test has been performed the sleeve can be opened by increasing applied pressure. Once activated the Zone Starter instantaneously opens at a pre-determined pressure thus shifting the sleeve and creating a flow path down hole to pump balls, plugs or perforation guns to depth, eliminating the need for an initial coil tubing run. Its purpose built design ensures cement will not impede its functionality and the sleeve remains locked in the fully open position once activated. With the option for restricted flow area the Zone Starter ensures minimal loss of frac fluid during pumping operations. Additionally, the Zone Starter can be used for first stage stimulation or fracturing operations.

FEATURES:

- Short & compact design.
- Torque through the tool during make-up and while RIH.
- Suitable for cemented and open hole applications.
- Primary shear barrier prevents cement interference.
- Friction reducer coating on piston prevents cement bonding.
- Once activated, sleeve is locked in open position.
- Eliminates costly TCP run.
- Replace first stage plug and perf.
- Complementary dual shear design enhances tool reliability.
- Sleeve activation pressure independent of differential pressure.
- Adjustable initiation to prevent premature activation during pumping operations and meet casing pressure test requirements.
- Customizable flow configurations to meet specific frac' requirements.
- Full 360° flow access.
- Standard and premium thread connections available.



Zone Starter Gen I Technical Specifications														
Size		Weight Range		ID		OD		Thread Connection	*Initiation Pressure		**Standard Flow Configuration Area		Absolute / Burst Pressure Rating	
in	mm	in	mm	in	mm	in	mm		psi	MPa	in ²	mm ²	psi	MPa
4.500	114.30	11.60	17.26	3.900	99.06	5.750	146.05	Box x Pin API or Premium	4.5k -	31.03 -	10.730	6,922.57	12k	82.74
		13.50	20.09											
		15.10	22.47											
5.500	139.70	20.00	29.76	4.250	107.95	7.625	193.68		10k -	68.95 -	1.985 -	1280.64 -	15k	103.42
		23.00	34.23											
		26.00	38.69											
		26.80	39.88											

*Available in a variety of initiation pressures in 500 psi increments

**Additional flow configurations available upon request