

PRODUCTS - SOLUTIONS - RESOURCE**PRODUCT OVERVIEW:**

The Zone Striker Interceptor is a high performance, pressure balanced ported sleeve designed as a communication device between the wellbore and formation for coiled tubing multi-stage stimulations. The Interceptor functions in cemented and open-hole applications. The unique pressure balanced design ensures that the formation and any cement behind the Interceptor will receive an instantaneous high pressure shock wave upon opening, which initiates fracture propagation.

The Zone Striker Interceptor works in conjunction with the X-FRAC mechanical isolation tool. The Interceptor is positively opened with hydraulic pressure while the X-FRAC is set within the sleeve to create isolation, accessing a preselected section of the formation for 360° treatment. The pressure balanced piston in the Zone Striker Interceptor prevents the sleeve from prematurely opening during pumping operations. Annular pressure does not affect the opening sequence of the sleeve. As the sleeve opening does not depend on balls or seats, virtually unlimited number of sleeves may be used in a single installation.

Closing the Interceptor is achieved by pulling off stage after open and frac, which will engage the closing collet on the X-Frac BHA. A weight change at surface will indicate the sleeve is cycled into the closed position. Once a positive indication has been achieved we can cycle the coil down manipulating the Xfrac back into the run in hole position. A pressure test below the Zone Striker sleeve can also be completed after closing. The remaining sleeves can be frac'd and closed throughout the well. A proprietary seal and scraper on the top of the coated piston allows for multiple cycles for the life of the well. Positive indication of an open or closed sleeve can be seen if Xfrac is pulled through slowly.

Materials and compact design eliminates the need for pup joints, providing liner flexibility and trouble free deployment in difficult well profiles. This significantly reduces costs and rig time needed for installation.

FEATURES:

- Short and slim design.
- Versatility in cemented and open-hole applications.
- Virtually unlimited number of stimulation intervals.
- Pressure balanced piston prevents premature opening.
- Delivers high pressure shock pulse to formation upon opening.
- Opens in full 360° to allow frac propagation in all directions.
- Ported flow port design prevents large debris from coming back into the wellbore.
- Unique design ensures cement will not interfere with sleeve function.
- Piston can be shifted closed immediately after the frac or at a later date.
- Proprietary sealing mechanism on piston ensures positive sealing after opening and closing.
- Rigid design allows for torquing through the sleeve during make-up.
- Accommodates high volume and high abrasive proppant fracture treatments.
- Full mono-bore ID through the sleeve.
- Field adjustable opening pressure.
- Available in sour service configuration and corrosion resistant alloys for hostile environments.
- Standard and premium thread connections available.
- Positive indication if open or closed position.

