

RockSEAL II packer



The RockSEAL II packer is a dual element, hydraulically activated mechanical packer. The packer has a specially designed elastomer with the largest possible cross section to provide excellent expansion ratios for setting in oversized holes. Anti-preset features allow the tool to be pushed through tight spots in the well without presetting or shearing the packer.

FracPORT sleeve



The FracPORT sleeve is a ball-actuated, hydraulically activated flow port that is run between two RockSEAL II packers to allow specific zones of the wellbore to be isolated and selectively fractured. Multiple FracPORT sleeves can be run, with the biggest ball seat at the top of the liner. If desired, the ball seat can be quickly milled out.

Increase Your Stage Numbers

Reduce Your Completion Time

Optimize Your Fracture Crews

Reduce Your Fracture Fluid Volume

Increase Your Production

Improve Your Well Economics



About Packers Plus

Packers Plus is a pioneer of open hole, multi-stage fracture stimulation systems and is an industry leader in designing and manufacturing innovative, technology-based solutions for a variety of completion challenges.

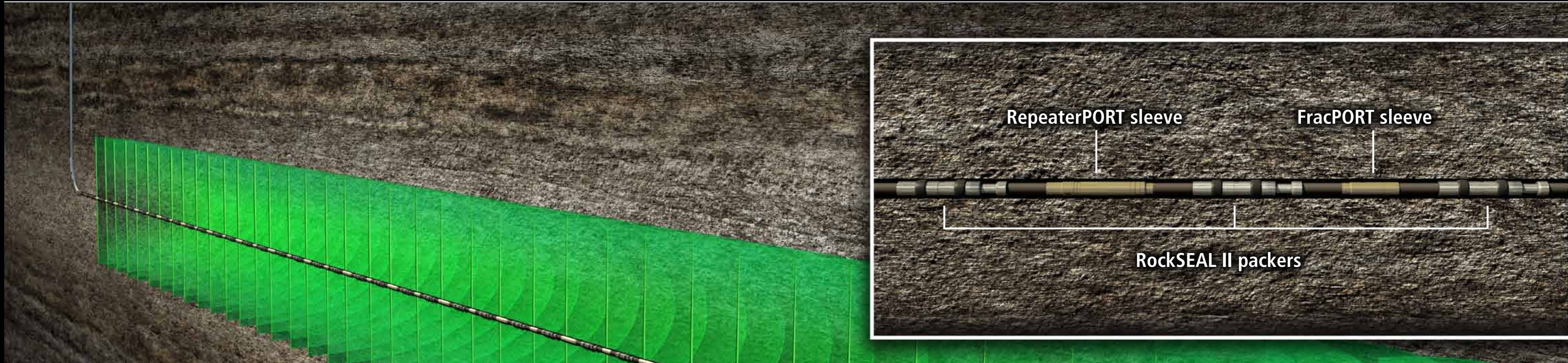
We specialize in open hole, high pressure/high temperature, retrievable packers and specialty service tools. Packers Plus has the experience to engineer and execute the most challenging completions worldwide.



web site: www.packersplus.com • email: info@packersplus.com

RepeaterPORT

Stage Multiplier Technology



Overview

The **RepeaterPORT® sleeve** is a new technology that allows for more than one stage to be activated with the same size actuation ball. This effectively increases the number of stages available in our StackFRAC® HD™ system.

It is run in conjunction with a FracPORT™ sleeve with the same ball seat size. Each sleeve is run between two RockSEAL® II packers to allow specific zones of the wellbore to be isolated and selectively fractured. In this way, the RepeaterPORT sleeve effectively multiplies the number of available stages that can be fractured. There are a variety of ball seat sizes, allowing numerous stages to be run in sequence.

Advantages

- Increases the number of stages available per system
- Can be run in series in conjunction with a FracPORT sleeve to fracture several independent zones
- Lower zones are isolated due to increasing ball sizes
- Flow protector prevents actuation balls from flowing back

Features

- Ball-actuated, hydraulically activated
- Adjustable activation shear
- Sleeve is locked in place upon opening
- Provides a flow area greater than the liner
- Ball seat can be quickly milled out
- Field-proven resistance to abrasion and erosion
- Corrosion resistant design



RepeaterPORT sleeve