

# SPECTRUM® e-IP Electric Inflatable Packer

## FOR FLEXIBLE DELIVERY OF CUSTOMIZED TREATMENT PLANS

### OVERVIEW

The SPECTRUM® e-IP electric inflatable packer is an isolation tool designed to be run with the SPECTRUM service suite. Its flexible, modular design enables multipurpose bottomhole assembly (BHA) configurations depending on your chemical treatment needs. It can be adjusted for various straddle lengths and has interchangeable elements, so it can be run as either a dual-element straddle packer or as a single-element squeeze packer.

The SPECTRUM e-IP packer is capable of flow through the end of the tool during the initial run in hole (RIH) to aid in debris removal. A unique, electric actuation system enables independent control of the flow path position throughout an operation. This allows you to easily select different modes – inflation, testing, circulation, and squeeze – to accommodate your customized treatment design.

### APPLICATIONS

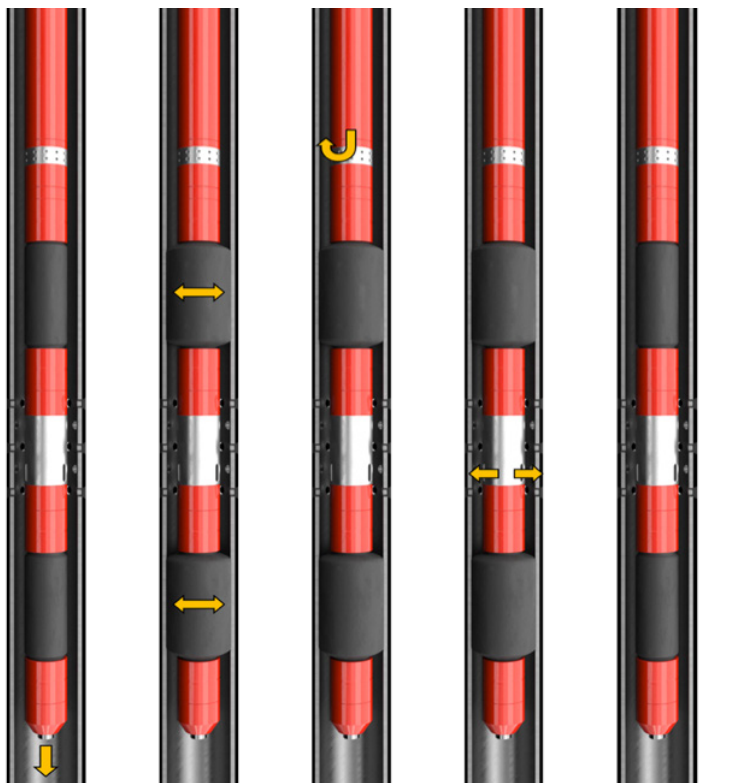
- » Temporary zonal isolation for selective chemical treatments
- » Injection testing
- » Casing integrity evaluation
- » Acidizing
- » Water and gas shut-off

### BENEFITS

- » Capable of flow through end of tool during RIH to remove debris
- » Ability to circulate above, straddle, or squeeze into straddled interval
- » Compatible with sealant chemicals, without compromising tool functionality
- » Can treat multiple intervals in a single run
- » Runs in conjunction with SPECTRUM services and SPECTRUM 360 camera

### FEATURES

- » Electrically adjusts to any position on demand
- » Configurable as a straddle or squeeze packer
- » Adjustable straddle lengths
- » Interchangeable elements, from 2.25-inch to 3.5-inch running outside diameter (OD)
- » Fail-safe deflate override function



Circulate to end of tool during RIH

Inflate and test

Circulate above straddle

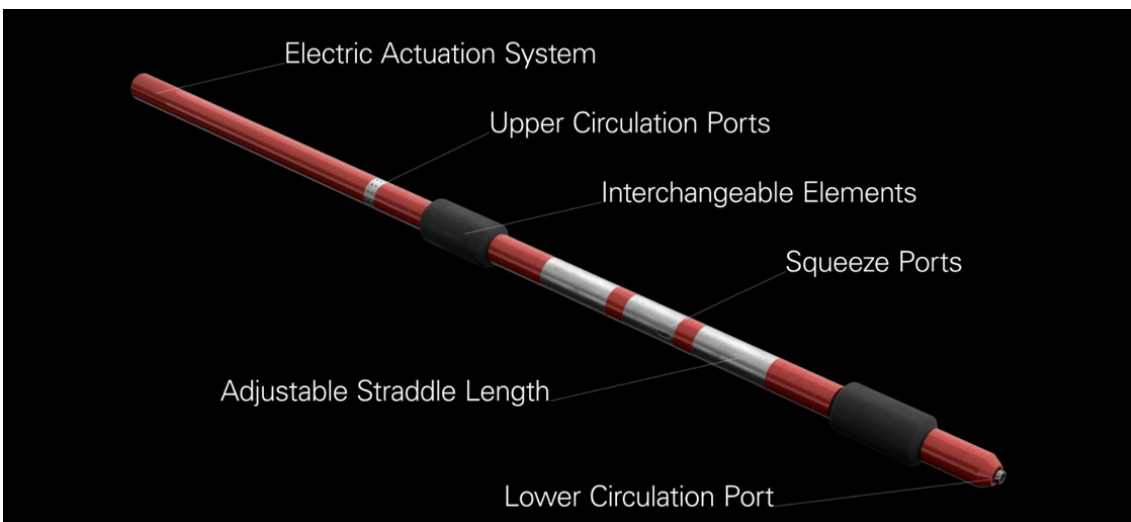
Squeeze Treatment

Deflate and move to next interval

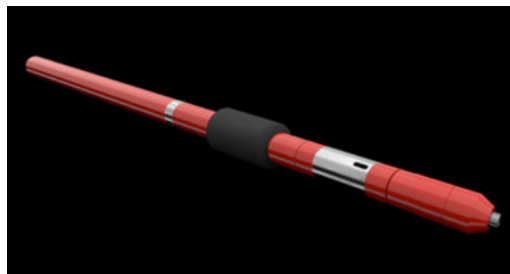
## Specifications

Chassis outside diameter (OD)	2¼ in.
Maximum pump rates (clean fluid)	2.2 bpm
Tensile strength	45,000 lbf
Compressive strength	10,000 lbf
Rating (pressure/temperature)	15,000 psi / 300°F
Element run OD	2.25 / 2.63 / 3.00 / 3.50 in.
Maximum expansion ratio	1:3
Element material	HNBR
Differential pressure rating	Up to 5,000 psi*

\*Differential pressure ratings are based on expansion ratio and temperature conditions.



The SPECTRUM® e-IP electric inflatable packer features a modular design to enable variable straddle lengths, and to support interchangeable element sizes for a broad range of service applications.



The SPECTRUM® e-IP electric inflatable packer may be configured as a dual-element straddle packer, or as a single-element BHA for use as a squeeze packer.

For more information, contact your local Halliburton representative or visit us on the web at [www.halliburton.com](http://www.halliburton.com)

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