

## ECP EXTERNAL CASING PACKER



ECP

### APPLICATION

External Casing Packer ECP is a production packer that can be used for consistent zonal isolation protection. It is designed to provide mechanical isolation for downhole pressures providing a permanent, high-pressure seal against the most hostile wellbore conditions. ECP Packer can be also used for stage cementing zone isolation. Packer is set hydraulically by inflating the rubber element without the need for a running tool.

- Cemented / uncemented casing / liner applications.
- Vertical, directional and horizontal wells.

### FEATURES AND BENEFITS

- The tool helps to form high-quality cement bond.
- ECP Packer does not restrict the liner drift diameter after actuation.
- Milling out is not required.
- The valve system consists of an opening valve and a closing valve.
- The opening valve shear pressure can be adjusted before run in hole by installing the required shear screw.
- The closing valve shear pressure is adjusted before run in hole by installing the required shear screw thus preventing the re-inflation, providing safety activation of the tool.
- When pressure inside the inflatable element is sufficient, the screw shears and the closing valve shuts off.
- After inflation is finished, casing pressure is bled off and the opening valve is moved into its lock-shut position, preventing further inflation.
- The tool withstands high tensile loads.
- The tool withstands high differential pressure.

### SUPPLY PACKAGE

- ECP External Casing Packer.

### TECHNICAL DATASHEET

TECHNICAL CHARACTERISTICS	VALUE
<b>Liner size, in</b>	<b>4.000</b>
Max OD, in	4.606
Min ID, in	3.465
Length, ft	7.3
Tensile, kip	157
Max working temperature, °F	248
Max differential pressure, psi	5,000
Burst, psi	1.889
Collapse, psi	5,000
Material*	P-110

\* Other options are available as per Customer request.

\*\* For fluoroelastomer sealings.