

ESP EXPANDABLE STEEL PACKER

APPLICATION

Expandable Steel Packer ESP 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. ESP Packer can be also used for stage cementing zone isolation. Packer is set hydraulically without the need for a running tool. The rubber element is reinforced by expandable piece of steel.

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

FEATURES AND BENEFITS

- ESP Packer does not restrict the liner drift diameter after actuation.
- Milling out is not required.
- After activation, the packer withstands the differential pressure of fluid/gas within the technical characteristics.
- The pressure in the string does not affect the tool's functioning.
- Expandable steel and valve system.
- The tool withstands high tensile loads.
- The tool withstands high differential pressure.

SUPPLY PACKAGE

- ESP Expandable Steel Packer.

TECHNICAL DATASHEET

TECHNICAL CHARACTERISTICS	VALUE	
Liner size, in	4.500	7.000
Max OD, in	5.750	8.189
Min ID, in	3.898	6.275
Length, ft	4.2	4.8
Tensile, kip	337	605
Max working temperature, °F	302	302
Max differential pressure, psi	10,000	6,222
Burst, psi	10,000	9,950
Collapse, psi	10,000	6,222
Material*		
- Mandrel	P-110	
- Expandable steel and valve system	13Cr	

* Other options are available as per Customer request.

** For fluoroelastomer sealings.



ESP