

The Coiled Tubing Packer Isolation Tool is used with coiled tubing to isolate a given interval of a well bore to facilitate stimulation operations such as hydraulic fracturing or acid injection. The isolated interval may be adjusted using standard tubing pup joints. Although designed for use on coiled tubing, the packer-type selective tool may also be used on conventional tubing. The Coiled Tubing Packer Isolation Tool employs a compression set packer to isolate the bottom portion of the well.

The packer utilizes a continuous J system that is operated simply by reciprocating the tubing string. Each full reciprocation moves the packer from set to released position and/or from released to set position. The packer also incorporates a bearing system that ensures free and reliable operation of the J. The upper seal is maintained with a reinforced packer cup. It is recommended that a Coiled Tubing Safety Sub be run with the selective isolation tool.

Features

- Large fluid bypass area around the packer
- May be used in horizontal wells
- Easily spaced out with conventional EUE tubing
- Large ports to insure no pressure drop between tubing and the isolated interval during hydraulic fracturing treatments
- Packer utilizes internal bearings to ensure trouble-free operation of the packer J

Coiled Tubing Packer Isolation Tool			
Casing Size	Casing Weight	Minimum Spacing	Connection
in	lbs/ft	in	in
mm	kg/m	mm	mm
4-1/2	9.5 – 11.6	18	2-3/8 EUE
114.3	14.1 - 20.1		
5-1/2	13 – 15.5		
139.7	19.3 – 23.1	457	60.30 EUE
5-1/2	15.5 – 17		
127.0	23.1 – 25.3		

