

# Tri-Lok™ WH Penetrator Landing Cable



## Megger Testing during RIH Procedure

The Tri-Lok™ Wellhead Penetrator Landing Cable is designed to allow high voltage testing of ESP power circuits after the tubing hanger has been lowered into the wellhead, and electrical connections are no longer directly accessible.

The landing cable is installed temporarily when the tubing hanger is at rig floor level. Then when the tubing hanger is lowered, megger testing can easily be performed. After testing is completed, the landing cable may be pulled free to allow for wet testing of tubing hanger seals. Protective adapters remain in place on each of the three Tri-Lok™ penetrators to prevent fluids from being forced into the penetrator tubes.



Photo shows the Tri-Lok™ Landing Cable on its storage reel. Each of the three connectors is attached to the main cable by strength members. Connector adapters are shown. Note that the other end of the cable (right side) has alligator clips on each conductor for easy testing

<b>Kevlar™ reinforced cables</b>	Allow cables to easily withstand pulling force without damage.
<b>Silicone insulated conductors</b>	Extra flexible design means ease of use.
<b>Alligator clips on conductors</b>	Easy connection to megger.
<b>Heavy wall polyurethane jacket</b>	High strength jacket protects cable from abrasion
<b>Heavy duty steel reel</b>	Easy to store cable and protect it from damage.

## Two-part System for Ease of Use

The Tri-Lok™ Landing Cable is supplied with three connector adapters, one for each phase. The adapters are attached to each penetration coming through the wellhead tubing hanger, and they form a watertight seal to the penetrator tubes. The Landing Cable Connectors then engage with the three adapters.



Tri-Lok™ Landing Cable installation kit

## Specifications

<b>Electrical</b>	2.5 kV, 1 Amp
<b>Temperature</b>	14-132° F (-10-50 °C)
<b>Pressure</b>	2500 psi
<b>Pull-off Force</b>	20 lbs. maximum
<b>Length</b>	80 feet

Contact your BIW representative to find out about complimentary access to the BIW Learning Center.