



*solutions made simple*

## ESP MOTOR LEAD GUARD™

### ***Eliminate Miss Runs & Ground Faults***

As oil and gas operators continue to push the limitations of wellbore trajectory to maximize reservoir contact, the number of ESP electrical integrity failures continues to increase. This is a function of the low clearance between the casing and ESP which results in banging and scraping of the motor lead leading to the cable armor being compromised. To solve this problem, Production Tool Solution developed the Motor Lead Guard™ to completely encapsulate the pothead and motor lead to protect the cable during installation and operation. This field proven product dramatically reduces the risk of miss runs of the ESP while increasing reliability and lowering intervention cost.

### ***Applications:***

- Conventional O&G
- Unconventional O&G
- Coal Bed Methane
- Gas Well Dewatering

### ***Benefits:***

- Allows for high DLS installations
- Eliminates pothead damage
- Eliminates ground faults
- Prevents short run failures
- Prevents miss runs
- Simplistic, reliable design
- Enhanced run life



The Motor Lead Guard™ demonstrates a history of success with hundreds of installations worldwide in a variety of applications enabling operators to increase the run life of their electrical submersible pumps while minimizing the intervention cost. For further information, please contact your local Production Tool Solution representative or visit the website at [www.ptsprotects.com](http://www.ptsprotects.com)