



Lemco Seals, Inc.

P.O. BOX 202 • PARRISH, FL 34219-0202
Tel: (800) 445-1472 • Fax: (813) 633-9619
www.lemcoseals.com

I N S T R U C T I O N S

- ✘ The **Lemco® Seal** should be mounted as close to the screen and pump as possible for maximum well production and corrosion resistance.
- ✘ Install the seal with **the nuts facing up**.
- ✘ To prevent electrolysis from eating a hole through the seal, use a nipple of dissimilar metal between the pump and seal. Wrapping the nipple with electrical tape can also help prevent electrolysis. When using 1/4" tubing, remove the cover plate and reverse the rubber packer so the holes line up properly with the seal body and cover plate, then reassemble the seal.
- ✘ Tighten the seal on the drop pipe, then insert the motor leads through the four holes in the seal, and the tubing through the 1/4" hole, if used.
- ✘ Tighten the nuts to sufficiently hold the wires, tubing, and rubber packer firmly. The rubber should squeeze around the electrical wires. **Do not over-tighten** because distortion to the rubber packer may result, causing an air-leak. Under tightening may also cause an air-leak.
- ✘ For 3-wire electrical motors, disassemble the seal and rotate the rubber so only three holes show through the seal.
- ✘ Where venting is required or when it's undesirable to place the well under vacuum, run 1/4" polyethylene tubing through the seal and run with the electrical wires to the top of the well. When trying to increase well production, this tubing **must be sealed** at the top of the well. Otherwise, leave it open.
- ✘ The 1/4" tubing can be used to chlorinate the well. Make sure the tubing is open at the top of the well and insert it into a jug of chlorine. When the pump runs, chlorine will siphon directly into the pump and screen area.
- ✘ On installations where the casing is rough and air-leaks persist, it may be necessary to add water above the seal.