

**INSTALLATION INSTRUCTIONS FOR BLACKMER
MECHANICAL SEALS EQUIPPED WITH FKM O-RINGS**

Effective	DEC 1990
Replaces	New

CAUTION

This mechanical seal is equipped with Fluorocarbon (FKM)* O-Rings.

FKM* is synthetic.

FKM* **is not** rubber.

FKM* is easily cut or gouged by assembling over sharp edges which may be found on shaft steps, lockwasher and coupling keyways.

FKM* is easily cut or gouged if seal is pushed into place without being greased.

Prior to assembly of this mechanical seal into pump, you must:

1. Remove old seal and all old grease on shaft and in head.
2. Check the shaft carefully for steps and sharp edges.
3. Use a file or emery cloth and thoroughly polish the lockwasher keyway and shaft step at the locknut threads.
4. Check your work by pushing your thumb across the keyways and thread steps. No sharp edges are allowed, and a radius of .020" - .030" should be apparent.
5. Wipe off all emery dust and coat the shaft with grease wherever the O-Ring will come in contact with it.
6. Coat the inner and outer O-Rings with grease and follow established assembly procedures outlined in the technical manual for this equipment.

