



## Seal Handling & Installation Instructions

### Omniseal Solutions' Omniseal® Spring-Energized Seal: Reduced Rod Gland with Diameter $\leq 4"$ (101.6 mm)

#### Handling

1. Clean the gland with an appropriate solvent and a clean wipe. Inspect the gland for nicks, dirt, burrs, indentations, and sharp edges. Address these as needed. If the seal needs to pass over sharp edges, threads, etc., additional installation instructions and tools may be required.
2. Clean a table and put an appropriate protective paper over the surface. Put on clean, lint-free, soft gloves to protect the seal and gland. Keep these gloves on until the seal is fully installed. Carefully unpack the seal and place on the table.
3. Remove the seal from the individual container or bag. Use a pair of scissors if required but take care the sharp ends do not make contact with the seal.
4. Take a soft, lint-free cloth and wipe the seal. If you notice a scratch or any other damage on the seal, please do not install the seal and contact Omniseal Solutions™ immediately at [help@omniseal-solutions.com](mailto:help@omniseal-solutions.com) or your following local customer service areas:
  - Americas: (USA) +1 800 544 0080
  - Asia: (China) +86 21 5472 1568, (Japan) +0266 79 6430
  - Europe: (Belgium) +32 3 458 2828

#### Installation

**\*\*When allowed, lubricants (grease, oil, etc.) compatible with the media to be sealed can EASE assembly.**

5. Gently squeeze the seal into an oval shape and push the seal into the gland, pushing the seal under and past the retaining lip (Figure 1 below). Make sure the seal is installed heel first and also aligns with your company's assembly instructions and diagrams. Rotate the seal if necessary to help it into place. Then check that the seal is properly seated in the gland.
6. Check the counterpart mating surface for scratches, inadequate surface finish and/or damages. If anything is noted, please do not continue with installation.
7. Carefully bring both hardware components together (Figure 2 below), watching that the seal is positioned correctly in the gland (Figure 3 below).

