SiL SEAL INNOVATIONS

OVERVIEW

The **KEVN**® O-Ring ID Tool is a practical and useful device to assist in the identification of four (4) commonly used O-Ring rubber materials:

- **K**ALREZ® – Perfluoroelastomer (FFKM)
- **E**PDM - Ethylene Propylene Rubber (EPR)
- **V**iton® - Fluorocarbon (FPM, FKM)
- **N**itrile – Nitrile Rubber (Buna-N)

The **KEVN**® O-Ring ID Tool is calibrated to work best with the following:

- 70 Durometer O-Rings
- New & Unused O-Rings
- O-Rings within their rated shelf life
- Cross-sections starting with .103" (2.62mm) up to .275" (6.99mm), including the standard AS568 series (100, 200, 300, & 400 series)

INSTRUCTIONS FOR USE

1. Place the O-Ring on a stable, flat surface. Hold the **KEVN**® O-Ring ID Tool in a vertical position so that the straight edge of the sliding weight hangs out the bottom of the steel tube.
2. Position the straight edge of the weight on the O-Ring's cross-section and raise the weight all the way to the top of the tube (as far as it will go).
3. Release the weight and let it drop onto the O-Ring. The weight will bounce. The height of the first bounce will rise to one of the four calibrated ranges.

CAUTION—DO NOT USE FOR:

- To identify or analyze a failed O-Ring
- On damaged O-Rings
- On O-Rings of unknown composition
- On out-of-date O-Rings
- On O-Ring cross-sections less than .103"(2.62mm), and greater than .275"(6.99mm)
- To identify composition of flat gasket surfaces
- On other than 70 Durometer O-Rings

WHERE & WHEN TO USE

- To verify and O-Ring just before installing in the equipment.
- To differentiate between **KNOWN** O-Ring materials.
- To check for mislabeled O-Rings.
- To verify new O-Rings.
- Sorting Applications.

DISCLAIMER: The use of rubber elastomer marks such as Kalrez® & Viton® (which are registered trademarks of DuPont Elastomers) are for reference only, and do not guarantee that the materials tested with this tool are from a particular manufacturer.