



AS568 Standard O-Rings are offered in a wide range of styles and materials. Whatever the sanitary O-Rings applications or specifications, **CGS™** gives you choice. O-Rings are installed in seal areas to assure and prevent the area from leaking. They are used to insure there is no transfer of fluids, contaminants, and pollutants, nothing crosses over the seal boundary.

O-Rings used in pumps, valves, regulators, filter housings, mixers, blenders, actuators, temperature probes, fill nozzles and other seals are very important in the sanitary processes markets.

In dairy, beverage, food, pharmaceutical and bio pharma industries, O-Rings can be a critical part of a processes system.

Additionally, specifications and selection are very important as part of a systems design. When selecting O-Rings considerations must include materials, temperature and pressures. In addition, we have the O-Rings of choice. Our O-Rings are offered in a wide range of materials and are truly very diversified.

O-RING SIZES AS568 STANDARD



Material - BUNA-N, EPDM, FKM, Flex Ti™ SuperFlex Titanium, Flexi-Steel™, Peroxide Cured Silicone, Platinum Cured Silicone, PTFE

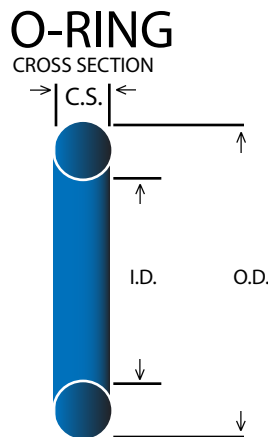
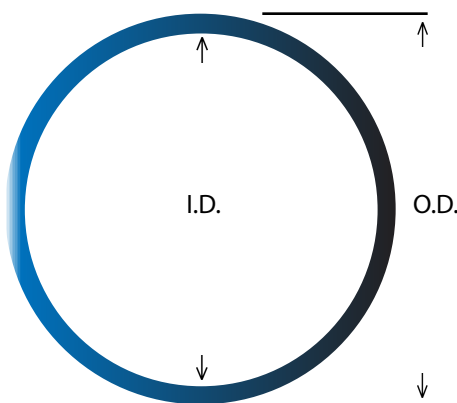
Sanitary O-Rings meet FDA, USP Class VI Criteria, FDA Title 21 CFR 177 .2600, FDA Title 21 CFR 177 .1550, Current Good Manufacturing Practices (CGMP), ASME, Animal Derived Ingredient Free (ADI), FDA Compliant Mold release. BUNA-N is FDA Only.

Material

- BUNA-N (FDA Only)
- EPDM
- FKM
- Platinum Cured Silicone
- Peroxide Cured Silicone
- Flexi-Steel™
- PTFE
- Kalrez®
- FEP/PFA
- FEP, EPDM, FKM, & Silicone Encapsulated
- MDXD™ Metal Detectable X-ray Detectable
- Flex Ti™ Super Flex Titanium

Features

- Industry Standard
- Sanitary Hygienic
- Metric Sizes
- Large Inventories
- Certifications & Validation Documents
- Vulcanized
- High Temperature Materials
- Cryogenic
- AS568 Standard
- Medical Grade
- FDA, USP Class VI
- Colors
- Conductive
- Any Durometer Hardness
- High Pressure
- Chemical Resistance
- Large Sizes
- Tank Cover O-Ring
- Specialty Labeling & Packaging
- Extended Performance
- Encapsulated



Physical Properties

Hardness: O-rings are available in medium-hard (70 durometer), softer (50 & 60 durometer) & harder (85+ durometer). Standard is 70, +/- 5 with other durometers available.

Tensile Strength: is the force (measured in psi) needed to break an O-ring at its ultimate Creep: the characteristic of all elastomers to show a gradual decrease in the O-rings shape under a constant load over time.

Temperature is important when choosing an O-ring. Not all elastomers will react the same way in the same application. Temperature plays a large part in how an O-ring will function.