

O RINGS

O ring, a simple, molded, doughnut shaped part made of a single material could warrant so much attention. Because they are relatively inexpensive and very reliable they are one of the most commonly used products in sealing applications.

Also known as a packing, or a toric joint, it is a mechanical gasket in the shape of a torus. A loop of elastomer with a round cross-section. It is designed to be seated in a groove and compressed between two or more parts. This creates a seal at the interface.

O RING SELECTION –

The selection of a specific O Ring is based on a wide variety of factors that include:

- Fluid media resistance.
- Temperature range.
- Hardness.
- Durability.
- Gland size.
- Static or Dynamic application.

O RINGS, SIMPLE BUT EFFECTIVE

O rings are reliable and relatively inexpensive. This means they are one of, if not the most commonly used products in sealing solutions.

O RING KITS

Imperial and Metric sizes.

Available in Nitrile, Fluoroelastomer (Viton™), Silicone and Neoprene.

Bespoke kits available. Tell us what you need and we'll make up the kit.

O RING CORD

For times when standard sizes are not suitable for your sealing solution we can supply O Ring Cord. This will enable you to make custom sized o rings to suit your application.

Sponge and solid.

Thickness starts from 1mm.

FEP + PFS ENCAPSULATED O RINGS

Either silicone or Viton O Ring with a seamless FEP encapsulation/jacket. The combination of these components creates an O-ring that is virtually chemically inert.

