

RS PRO O-RINGS OVERVIEW



O-rings are a simple, yet highly effective, sealing device. Shaped like a doughnut or a loop with a round cross-section, O-rings are primarily used to prevent the leakage of gases or liquids. They accomplish this by blocking a pathway that these substances could escape from.

We now stock over 3,500 different types of O-rings, encompassing a variety of common imperial and metric sizes in various compounds for diverse applications.

SHOP THE RS PRO O-RINGS

Measuring your O-ring

Lay your clean O-ring flat and measure the C.S using the external jaws of your vernier caliper.

C.S.

Measure the I.D using the internal jaws of your vernier caliper.

I.D.

O.D.

Verify accuracy by averaging multiple measurements across different points on your O-ring.

Compare with required specification to determine suitability.

RS PRO O-ring compounds include:

Nitrile

Nitrile Butadiene Rubber

- General purpose material
- Good resistance to oil, water, and abrasion
- Cost-effective
- 30°C to +90°C - [Click here](#)

Silicone

VMQ / FMQ

- Extreme temperature Resistance
- Good resistance to ozone, weathering, aging
- 50°C to +230°C - [Click here](#)

FKM

VMQ / FMQ

- Resistant to extreme chemicals and heat.
- Ideal for high-stress environments
- Good resistance to aging and ozone
- 15°C to +200°C - [Click here](#)

EPDM

Ethylene Propylene Diene Monomer

- Resistant to heat, ozone, and harsh weather
- Excellent for outdoor applications
- Strong resistance to hot water and steam
- 30°C to +120°C - [Click here](#)

PTFE

Polytetrafluore Thylene

- Superior chemical resistance
- Great for aggressive environments
- Broad temperature range and low friction properties
- 200°C to +250°C - [Click here](#)

we also offer Chloroprene 70ShA and Nitrile and FKM 90ShA

discover our range on rspro.com

