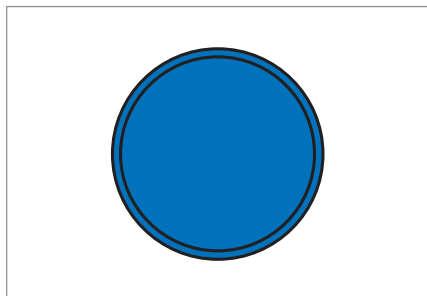


# O-Ring



O-Ring

## Product description

O-Rings are endless round sealing rings of circular cross section. They are mainly used to seal stationary machine components – static case – against fluid and gaseous media. In certain conditions, they can also be used as a dynamic sealing component for axial, rotating and oscillating movement.

## Product advantages

- In order to cover the widest possible range of technical applications, O-Rings are supplied in various different material qualities:
- All catalogue materials for O-Rings are specified and certified.

## Material

Material	Operating parameters range
72 NBR 872	Standard material, which can be used for most applications (mineral oils, mineral oil based hydraulic fluids, static pressures up to approx. 100 bar)
88 NBR 156	Use as 72 NBR 872, but suitable for higher pressures.
80 FKM 610	For chemically aggressive media and high temperatures
70 EPDM 281	For glycol based hydraulic fluids, brake fluid, hot water
Simriz® (70 FFKM 495)	Chlorinated and high polar organic solvents, aromatics, Strong organic and inorganic acids and alkalis

The technical data for the standard materials for O-Ring is specified in the → Technical Manual.

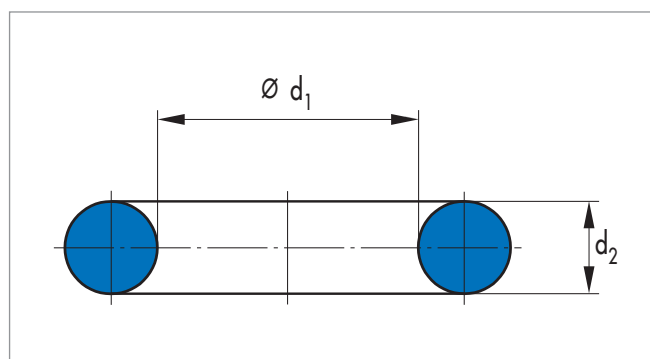
Special materials: for special applications a broad spectrum of other materials is available from Simrit → Technical Manual.

O-Rings made of these materials are not held in stock.

## Design notes

The dimensions of an O-Ring are defined by inside dia.  $d_1$  and ring thickness  $d_2$ . These dimensions represent the parameters for the O-Ring. The code for an O-Ring in standard material with inside dia. 20,2 mm and a ring thickness 3 mm is as follows:

O-Ring 20,2-3 72 NBR 872



Drawing with dimensions

Please observe our general design notes in → Technical Manual.

## Packaged unit

Delivery in standard packaging units of 5 - 10 - 20 - 50 - 100 units, depending on customer requirements.