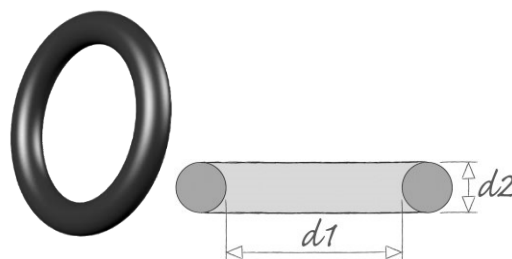


DATA SHEET

O-Ring 146046

PART INFORMATION

Part number	146046
Inside diameter d1	69,57 mm
Cross-section d2	1,78 mm
Size standard	BS039/AS039
Tolerance range according to	ISO 3601-1
Rubber family	EPDM
Rubber compound	7EP1197
Quality acceptance criteria on aspect	ISO 3601-3



7EP1197 COMPOUND INFORMATION

Original characteristics

Hardness Sh A	70
Tensile strength	14 MPa
Elongation at break	180 %
Compression set	12 % (24h 150°C)
TR10	-46 °C
Brittle point	-55 °C
Operational temperature range *	-50 °C / 140 °C
Peak temperature	175 °C

Rubber color

Black

Official agreements

Food : FR, USA

Potable water : DE, FR, GB, IT, NL, USA

Very good resistance

- Water, steam and water-based solutions
- Synthetic brake fluids
- Atmospheric agents
- Low temperature

Poor resistance

Mineral oils and hydrocarbons

Particularities

Fairly good mechanical behaviour

Typical applications

- Hot and cold water taps
- Drinking water
- SF6 circuit breakers
- Cooling circuit
- Brake circuit
- Heating circuit

* The temperature range is given as an indication and can be influenced by the environment, the fluids in contact and the operating conditions.

