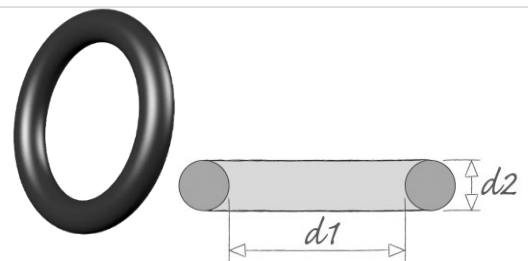


# DATA SHEET

## O-Ring 130175

### PART INFORMATION

Part number	130175
Inside diameter d1	37,30 mm
Cross-section d2	3,60 mm
Size standard	R27
Tolerance range according to	ISO 3601-1
Rubber family	EPDM
Rubber compound	7EP1197
Quality acceptance criteria on aspect	ISO 3601-3



### 7EP1197 COMPOUND INFORMATION

### EPDM FAMILY

#### 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.

