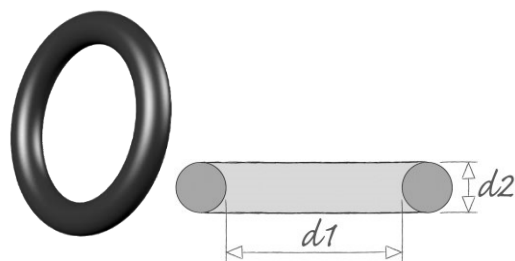


# DATA SHEET

## O-Ring 100103

### PART INFORMATION

Part number	100103
Inside diameter d1	0,74 mm
Cross-section d2	1,00 mm
Size standard	BS001/AS001
Tolerance range according to	ISO 3601-1
Rubber family	EPDM
Rubber compound	EP851
Quality acceptance criteria on aspect	ISO 3601-3



### EP851 COMPOUND INFORMATION

#### Original characteristics

Hardness Sh A	80
Tensile strength	16 MPa
Elongation at break	160 %
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
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### EPDM FAMILY

#### 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.

