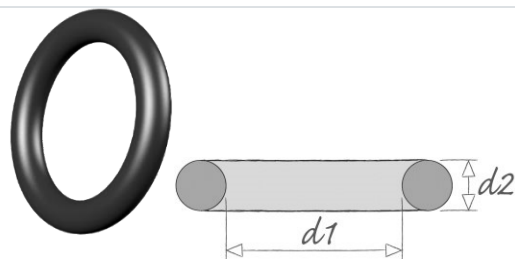


# DATA SHEET

## O-Ring 101100

### PART INFORMATION

Part number	101100
Inside diameter d1	1,15 mm
Cross-section d2	1,00 mm
Size standard	R000
Tolerance range according to	ISO 3601-1
Rubber family	NBR
Rubber compound	PC851
Quality acceptance criteria on aspect	ISO 3601-3



### PC851 COMPOUND INFORMATION

#### Original characteristics

Hardness Sh A	80
Tensile strength	17 MPa
Elongation at break	225 %
Compression set	15 % (24h 100°C)
TR10	-25 °C
Brittle point	-35 °C
Operational temperature range *	-30 °C / 100 °C
Peak temperature	120 °C

Rubber color    Black

#### Official agreements

Gaz : EN549 – H3B1

### NBR FAMILY

#### Good resistance

Mineral oils  
Domestic gas  
Water up to 70 °C  
Fuels  
Aliphatic solvents

#### Poor resistance

Acids  
Atmospheric agents  
Brake fluids

#### Particularities

Good mechanical characteristics

#### Typical applications

Hydraulic & pneumatic  
Valves & fittings water and mineral gas  
Mineral oil & fuel circuits

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

