

DATA SHEET

O-Ring 182603

PART INFORMATION

Part number	182603
Inside diameter d1	278,77 mm
Cross-section d2	6,99 mm
Size standard	R79/BS451/AS451
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.

