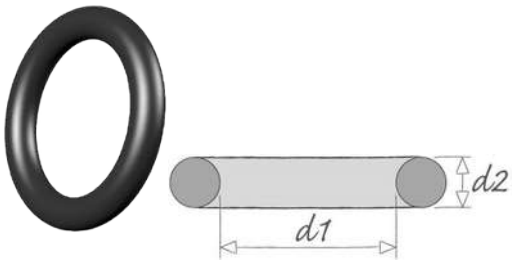
HUTCHINSON®

DATA SHEET
O-Ring 180501

PART INFORMATION

Part number	180501
Inside diameter d1	259,30 mm
Cross-section d2	5,70 mm
Size standard Tolerance range according to	 ISO 3601-1
Rubber family	NBR
Rubber compound	PB701
Quality acceptance criteria on aspect	ISO 3601-3



PB701 COMPOUND INFORMATION

Original characteristics

Hardness Sh A	70
Tensile strength	17 MPa
Elongation at break	400 %
Compression set	12 % (24h 100°C)
TR10	-20 °C
Brittle point	-30 °C
Operational temperature range *	-30 °C / 100 °C
Peak temperature	120 °C

Rubber color	Black

Official agreements
Gaz : EN549 – H3B2

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

NBR FAMILY

Good resistance
Mineral oils
Domestic gas
Water up to 70 °C
Fuels
Aliphatic solvants

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

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