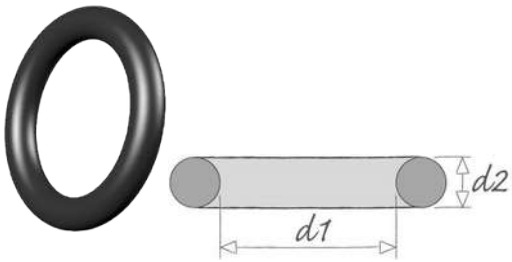
HUTCHINSON®

DATA SHEET
O-Ring 181607

PART INFORMATION

Part number	181607
Inside diameter d1	266,07 mm
Cross-section d2	6,99 mm
Size standard Tolerance range according to	R78/BS450/AS450 ISO 3601-1
Rubber family	NBR
Rubber compound	PD501
Quality acceptance criteria on aspect	ISO 3601-3



PD501 COMPOUND INFORMATION

Original characteristics	
Hardness Sh A	50
Tensile strength	12 MPa
Elongation at break	400 %
Compression set	15 % (24h 100°C)
TR10	-30 °C
Brittle point	-40 °C
Operational temperature range *	-30 °C / 100 °C
Peak temperature	120 °C

Rubber color	Black

* 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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