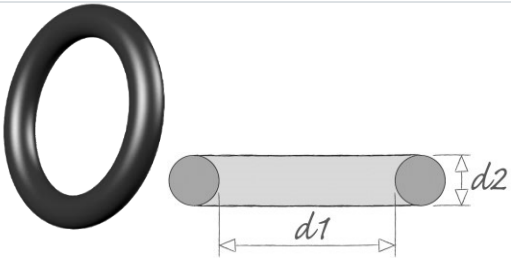
HUTCHINSON®

DATA SHEET
O-Ring 121800

PART INFORMATION

Part number	121800
Inside diameter d1	21,30 mm
Cross-section d2	3,60 mm
Size standard Tolerance range according to	R17 ISO 3601-1
Rubber family	NBR
Rubber compound	PC851
Quality acceptance criteria on aspect	ISO 3601-3



PC851 COMPOUND NFORMATION

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 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

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

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