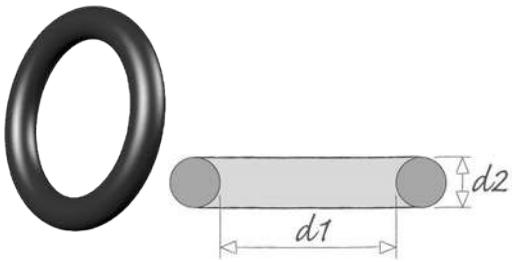
HUTCHINSON®

DATA SHEET
O-Ring 107877

PART INFORMATION

Part number	107877
Inside diameter d1	7,65 mm
Cross-section d2	1,78 mm
Size standard Tolerance range according to	BS011/AS011 ISO 3601-1
Rubber family	NBR
Rubber compound	7PD1612
Quality acceptance criteria on aspect	ISO 3601-3



7PD1612 COMPOUND INFORMATION

Original characteristics

Hardness Sh A	70
Tensile strength	21 MPa
Elongation at break	225 %
Compression set	15 % (24h 125°C)
TR10	-24 °C
Brittle point	-35 °C
Operational temperature range *	-30 °C / 100 °C
Peak temperature	130 °C

Rubber color	Black

Official agreements

Food : FR, USA
Potable water : DE, FR, GB, USA
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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