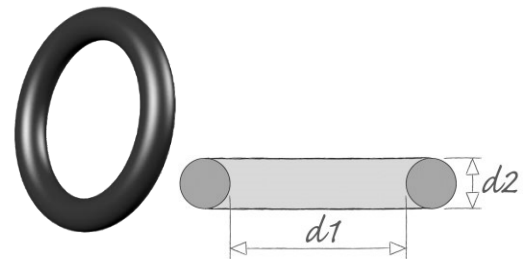


DATA SHEET

O-Ring 100104

PART INFORMATION

Part number	100104
Inside diameter d_1	0,74 mm
Cross-section d_2	1,00 mm
Size standard	BS001/AS001
Tolerance range according to	ISO 3601-1
Rubber family	FKM
Rubber compound	DF801
Quality acceptance criteria on aspect	ISO 3601-3



DF801 COMPOUND INFORMATION

Original characteristics

Hardness Sh A	80
Tensile strength	15 MPa
Elongation at break	175 %
Compression set	18 % (72h 200°C)
TR10	-14 °C
Brittle point	-25 °C
Operational temperature range *	-25 °C / 200 °C
Peak temperature	250 °C

Rubber color **Black**

Official agreements

Gaz : EN549 – H3E1, EN682 – H80

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

FKM FAMILY

Very good resistance

Heat
 Mineral oils
 Domestic gas
 Atmospheric agents
 Fuels
 Aromatic and aliphatic agents

Good resistance

Chemical substances in general
 Acids

Poor resistance

Bases
 Brake fluids

Particularities

Limited resistance to cold
 Fairly good mechanical behaviour
 Good impermeability

Typical applications

Hard vacuum
 Hydraulic and pneumatic high temperature
 Industrial valves and fittings
 Injection carburation
 Engine seals

