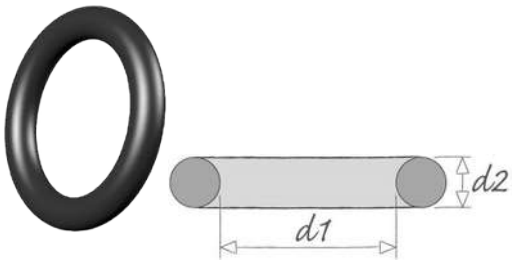
HUTCHINSON®

DATA SHEET
O-Ring 166707

PART INFORMATION

Part number	166707
Inside diameter d1	158,12 mm
Cross-section d2	6,99 mm
Size standard Tolerance range according to	R66/BS438/AS438 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

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