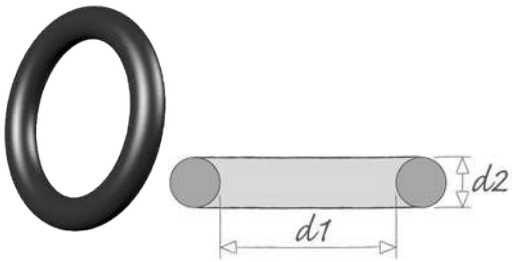
HUTCHINSON®

# DATA SHEET
# O-Ring 103427

## PART INFORMATION

| | |
|---|---|
| Part number | 103427 |
| Inside diameter d1 | 3,68 mm |
| Cross-section d2 | 1,78 mm |
| Size standard<br>Tolerance range according to | BS007/AS007<br>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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