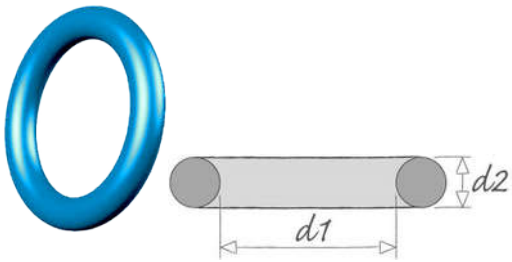
HUTCHINSON®

# DATA SHEET
# O-Ring 100965

## PART INFORMATION

| | |
|---|---|
| Part number | 100965 |
| Inside diameter d1 | 15,10 mm |
| Cross-section d2 | 2,70 mm |
| Size standard<br>Tolerance range according to | <br>ISO 3601-1 |
| Rubber family | FKM |
| Rubber compound | 7DF3410 |
| Quality acceptance criteria on aspect | ISO 3601-3 |




## 7DF3410 COMPOUND INFORMATION

**Original characteristics**

| | |
|---|---|
| Hardness Sh A | 70 |
| Tensile strength | 17 MPa |
| Elongation at break | 400 % |
| Compression set | 32 % (72h 200°C) |
| TR10 | -17 °C |
| Brittle point | -27 °C |
| Operational temperature range * | -30 °C / 200 °C |
| Peak temperature | 250 °C |

| | |
|---|---|
| Rubber color | Blue |

**Official agreements**
Food : FR, USA

* 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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