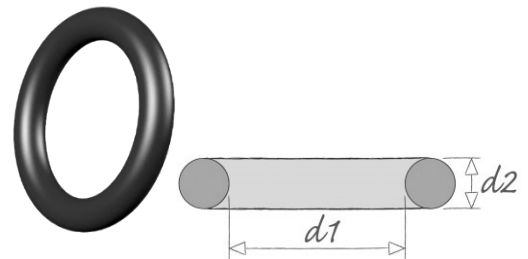


# DATA SHEET

## O-Ring 102427

### PART INFORMATION

Part number	102427
Inside diameter d1	2,57 mm
Cross-section d2	1,78 mm
Size standard	BS005/AS005
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

### 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

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

