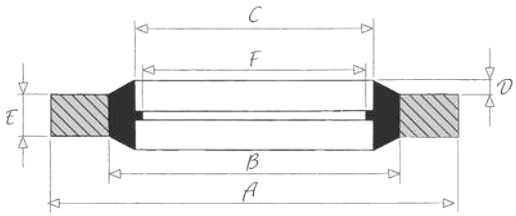
HUTCHINSON®

# DATA SHEET
# Bonded seal 207452

## PART INFORMATION

| | |
|---|---|
| Part number | 207452 |
| Inside diameter C | 12.70 mm |
| External diameter A | 19.00 mm |
| Diameter B | 0.00 mm |
| Diameter D | 0.00 mm |
| Diameter F | 0.00 mm |
| Thickness E | 1.50 mm |
| Size standard | |
| Rubber family | FKM |
| Rubber compound | DF851 |
| Metal washer | Mild Steel |






## DF851 COMPOUND INFORMATION

**Original characteristics**

| | |
|---|---|
| Hardness Sh A | 85 |
| Tensile strength | 14 MPa |
| Elongation at break | 175 % |
| Compression set | 20 % (72h 200°C) |
| TR10 | -14 °C |
| Brittle point | -23 °C |
| Operational temperature range * | -25 °C / 200 °C |
| Peak temperature | 250 °C |

| | |
|---|---|
| Rubber color | Black |

**General information**

Bi-material ring washer-rubber, bonded seals are particularly suitable for sealing under the heads of bolts and screws, for pipe couplings (both high and low pressure).
It has the advantage of being removable and reusable, as opposed to other seals.

* 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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