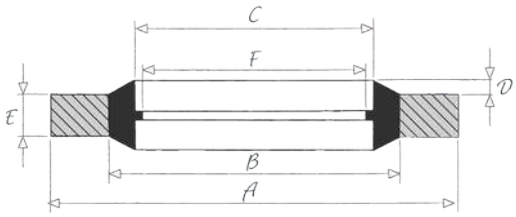
# DATA SHEET
# Bonded seal 208174

## PART INFORMATION

| | |
|---|---|
| Part number | 208174 |
| Inside diameter C | 30.81 mm |
| External diameter A | 38.10 mm |
| Diameter B | 32.29 mm |
| Diameter D | 0.25 mm |
| Diameter F | 27.89 mm |
| Thickness E | 2.50 mm |
| Size standard | C30.10 |
| Rubber family | NBR |
| Rubber compound | PC851 |
| Metal washer | Mild Steel |






## PC851 COMPOUND INFORMATION

**Original characteristics**

| | |
|---|---|
| Hardness Sh A | 80 |
| Tensile strength | 17 MPa |
| Elongation at break | 225 % |
| Compression set | 15 % (24h 100°C) |
| TR10 | -25 °C |
| Brittle point | -35 °C |
| Operational temperature range * | -30 °C / 100 °C |
| Peak temperature | 120 °C |

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

**Official agreements**
Gaz : EN549 – H3B1

**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.

## NBR FAMILY

**Good resistance**
Mineral oils
Domestic gas
Water up to 70 °C
Fuels
Aliphatic solvants

**Poor resistance**
Acids
Atmospheric agents
Brake fluids

**Particularities**
Good mechanical characteristics

**Typical applications**
Hydraulic & pneumatic
Valves & fittings water and mineral gas
Mineral oil & fuel circuits

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