

# TECHNICAL DATA SHEET

## Drei Bond 1209

Revision: 15.10.2018  
Version: 1.006



### PRODUCT PROPERTIES

Drei Bond 1209 is a high-performance silicone with a very high temperature resistance up to 200°C, short-time even up to 250°C. Drei Bond 1209 has a very good long-term temperature behavior. In the cured state the product exhibits a good chemical stability against typical industrial media.

### SCOPE OF APPLICATION

For all surface- and flange sealings in engines, gears, shafts and drives with high pressure load, high tear resistance and increased adhesion.

- Oil sump
- Oil pump and oil cover
- Oil filter holder
- Intermediate flange/sealing flange
- Water pump
- Intake manifold
- Cylinder head bearing cap
- Control casing/engine block
- Chain locker lid
- Gearbox
- Differential- and gearbox cover

### PRODUCT ADVANTAGES

- At flat surfaces immediate sealing – because of that full load drive after assembly possible
- Moisture and oil contact speed up curing
- Permanently elastic long-term behavior, also in areas with high temperatures guaranteed.
- Very good aging resistance
- Normal dismantling still possible
- Low odor in cured state

### PHYSICAL PROPERTIES

Delivery form	pasty
Color	colorless
Viscosity at 25° C	> 500,000 mPa·s (Brookfield)
Specific weight at 25° C	1.09 g/ml
Temperature area	-55°C/+200°C (250 °C)
Skin formation	approx. 10 – 15 min
Elongation at break DIN 53504	> 300 %
Hardness DIN 53505	45 Shore A

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### DIRECTIONS FOR USE

- Please consult the safety data sheet before use.
- Clean, dry and grease-free surfaces ensure the maximum strength.
- Clean soiled surfaces with Cleaner Drei Bond 3200, Drei Bond Super Cleaner or appropriate solvent. We disadvise the use of cleaners containing acetone.
- Apply a new sealing bead thinly and assemble within the skin formation time.
- Processing temperature 5 °C – 40 °C
- Be aware of the attraction effect of nuts.
- Disassembly and removal of adhesive residues can be eased the use of Drei Bond Super Cleaner.

### STORAGE

- 12 months at RT in unopened packaging.
- To avoid contaminations do not refill containers with used product.

### PACKAGE UNITS

- For manual application                      30 g, 300 g
- For industrial use                              on inquiry

For automatic processing we recommend to use Drei Bond application systems from stand-by equipments to full automatic CNC-controlled dosing machines.

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