

## Silicone Sealing Compound, black

### Description

Heat-resistant, single-component sealant. Vulcanizes under the influence of air humidity and cures to form a permanently elastic mass. For sealing a wide variety of materials (e.g. metal, plastic, glass, porcelain, painted wood surfaces, etc.) in engines, transmissions, vehicles, containers, plants and heating facilities as well as air conditioning systems.

### Properties

- adheres well to vertical surfaces
- resistant to stresses and vibrations
- outstanding thermal stability
- free of solvents, formaldehyde, CFCs, PCB, PCP
- permanently elastic
- enables a multifaceted range of applications
- outstanding chemical resistance

### Technical data

Curing rate at 23 °C / 50 % rh	2 - 3 mm/24h
Tensile stress at 100 % elongation	~ 0,60 N/mm <sup>2</sup> DIN 52455
Base	Silicone neutral/oxime cross-linked
Operating temperature range	-40 - +250 (temporary up to +300) °C
Penetration after 5 seconds	185 +/- 30 1/10 mm DIN 51579
Hardness, Shore A	ca. 28 - 31 DIN 53505
Processing temperature	+5 to +35 °C
Skin formation time at 23 °C/50 % relative humidity	10 - 15 min
Color / appearance	according to specification
Odor	characteristic
Form	pastelike, liquid
Viscosity at 40 °C	>7 mm <sup>2</sup> /s
pH value	7
missing translation	18 Monate
Optimum storage temperature	2 - 15 °C

### Areas of application

For sealing oil and transmission pans, engine housings, differentials, valve covers, water pumps, spur gear covers, headlamps, taillamps, battery boxes, etc. For metal parts, plastic and glass.



### Application

The surfaces to be sealed must be clean, dry and free of oil and grease. Apply material evenly and join parts immediately without flash-off time.

**Note:** Insufficient adhesion can be expected on substrates such as PP, PE, Teflon and bitumen. That is why we recommend carrying out an adhesion test before use.

### Available pack sizes

80 ml Cartridge plastic	6177 D-GB-F-ARAB
80 ml Cartridge plastic	7639 RUS-UA
200 ml Can aerosol	2859 GB-DK-FIN-N-S
200 ml Can aerosol	6185 D-GB-F-I-E-NL-P

**Our information is based on thorough research and may be considered reliable, although not legally binding.**