

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

- good adhesion
- resistant to stresses and vibrations
- permanently elastic
- outstanding chemical resistance
- outstanding thermal stability
- low odour
- non-corrosive
- resistant to weathering/UV and ageing

Technical data

Curing rate at 23 °C / 50 % rh	2 - 3 mm/24h
Tensile stress at 100 % elongation	~ 0,60 N/mm ² DIN 52455
Base	neutral cross-linked, No Meko - frei von 2- Butanonoxim
Operating temperature range	-40 - +250 (temporary up to +300) °C
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 ² /s
pH value	7
Shelf life in original sealed container	18 months
Optimum storage temperature	2 - 15 °C

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

Available pack sizes

80 ml Cartridge plastic	6177 AR-DE-EN-FR
200 ml Can aerosol	2859 DA-EN-FI-NO-SV
200 ml Can aerosol	6185 DE-EN-ES-FR-IT-PT

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

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.