

Silicone Sealing Compound, red

Description

Silicone Sealing Compound is a heat-resistant, single-component sealant that vulcanizes under the influence of air humidity and cures to form a permanently elastic mass. Silicone Sealing Compound can be used to seal 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 in 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

Processing temperature	+5 bis +40 / +5 to +40 °C
Shelf life in transit up to	-15
Color / appearance	rot / red
Operating temperature range	-65 bis +260, kurzfristig bis +315 °C
Base	Silikon auf Oximbasis / Silicone with oxime basis
Elongation at break	~ 350 %; ~ 2,5 N/mm ² DIN 53 504
Density	1,21 + 0,05 g/cm ³
Curing rate at 23 °C / 50 % rh	~ 2,0 mm/24h
Skin formation time at 23 °C/50 % relative humidity	6 min
Shelf life	24 Monate (ungeöffnet) / 24 months (unopened)
Hardness, Shore A	35 DIN 53505
Shelf life in original sealed container	24 Monate

Areas of application

Silicone Sealing Compound is exceptionally well-suited to sealing housings on engines, transmissions, differentials, end covers, oil pans, valve covers, water pumps, battery boxes, headlights and other lights, etc.



Application

The surfaces to be sealed must be clean, dry and free of oil and grease. Remove cap and turn cartridge tip by 90°. Apply material evenly and join parts immediately without flash-off time. After use, turn the tip of the cartridge back through 90° and push the cap onto the nozzle.

Important: Insufficient adhesion on substrates such as PP, PE, Teflon and bitumen can be expected. This is why we recommend that you carry out an adhesion test prior to application.

Available pack sizes

80 ml Can aerosol	8948
	D-GB-F-ARAB

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