

Silicone Sealing Compound, red

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

Processing temperature	+5 to +35 °C
Color / appearance	red
Operating temperature range	-40 to +250, short-term to +300 °C
Base	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
Hardness, Shore A	35 DIN 53505
Shelf life in original sealed container	18 Monate
Recommended storage temperature	10 - 30 °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.

Comment

For long-term storage, the ambient temperature must not fall below 10 °C.



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.

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	8948
	D-GB-F-ARAB

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