

Silicone Sealing Compound, transparent

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

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| Operating temperature range | -40 to +150, temporary up to +250 °C |
| Penetration after 5 seconds | 185 +/- 30 1/10 mm DIN 51579 |
| Color / appearance | transparent |
| Skin formation time at 23 °C/50 % relative humidity | ca. 10 min |
| Curing rate at 23 °C / 50 % rh | ca. 2 mm/24h |
| Processing temperature | +5 to +35 °C |
| Base | Silicone with oxime basis |
| Hardness, Shore A | 17 ± 5 DIN 53505 |
| Tensile stress at 100 % elongation | ~ 0,60 N/mm ² DIN 52455 |
| pH value | 7 |
| Viscosity at 40 °C | > 7 mm ² /s |
| Form | pastelike, liquid |
| Odor | characteristic |
| Shelf life in original sealed container | 18 months |
| Recommended 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. Remove cap and turn cartridge tip by 90°. 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

200 ml Can aerosol 6184
D-GB-F-I-E-NL-P

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