

TECHNICAL DATA SHEET

Super RTV silicone adhesive and sealing compound

Art. no. 0893 331 1

P. Qty.: 1 / 12

High-quality adhesive and sealing compound for use in industry and the automotive sector.



Colour	Black
Contents	200 ml
Chemical basis	Neutral crosslinked silicones, oxime-based
Smell/fragrance	Characteristic
Min./max. temperature resistance	-60 to 260 °C
Max. short-term temperature resistance	300 °C
Range of applications	Water pumps, Oil pumps, Front cover, Camshaft bearing cover, Thermostat housing, Oil pans, Transmission cover, Sunroof, Doors
Density	1.25 g/cm ³
Min. skin-formation time	5 min
Conditions for skin-formation time	at 23 °C and 50% relative humidity
Full curing speed	3 mm/d
Fully hardening/curing conditions	23 °C and 50% relative humidity
Shore A hardness	30
Min. tensile strength	2.2 N/mm ²
Conditions for tensile strength	in accordance with ASTM D-412
Max. breaking elongation/conditions	550 %/in accordance with DIN 53504
Heat conductance λ	0.2 J/(m*s*K)
Heat conductance λ conditions	in accordance with ASTM D-2214/70
Coefficient of thermal expansion	0.0002 1/K
Coefficient of thermal expansion conditions	in accordance with ASTM EB-31
Dielectric strength	16 kV/mm
Dielectric strength conditions	in accordance with ASTM D-149
Relative permittivity	2.8
Conditions for relative permittivity	1 MHz, ASTM D-150
Loss factor	0.002
Loss factor conditions	1 MHz, ASTM D-150
Specific volume resistivity	1000000000000000 Ohm/cm
Conditions for specific volume resistivity	in accordance with ASTM D-257

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Notice

When sealing e.g. oil pans and gearboxes it is vital that no sealant gets into the interior. For this reason we recommend to apply the sealant on a joining part surface. Join both parts and then carefully press by hand and lightly slide against each other. Afterwards separate the parts again and then remove the sealant that has gone inside. Join the components again within a max. of 5 minutes and tighten firmly. Before commissioning, observe the hardening time (depending on the sealant thickness).

The usage instructions are recommendations based on the tests we have conducted and are based on our experience; carry out your own tests before each application. We do not assume any liability for a specific application result due to the large number of applications and storage and processing conditions. Insofar as our free customer service provides technical information or acts as an advisory service, no responsibility is assumed by this service except where the advice or information given falls within the scope of our specified, contractually agreed service or the advisor was acting deliberately. We guarantee consistent quality of our products. We reserve the right to make technical changes and further develop products.