

GASKET SIL N



GASKET SIL N is a neutral silicone sealant, non-corrosive, resistant to inorganic lubricants even in the long run. Permanently elastic at a temperature range between -65°C and +250°C, periodically up to 300°C. Excellent filling properties also with not overlapping surfaces.

- Neutral reaction; it can be used on to corrosion sensitives materials.
- Good resistance to lubricants.
- It preserves elastic properties from -65°C to +250°C constantly.
- Strong adhesion to iron, aluminium, glass, ceramic, ABS, PVC, polycarbonate, polyamide, polystyrene, and other painted surfaces.
- High resistance and flexible bonding of surfaces with different thermal expansion.

Typical uses

- Sealing of engines, car components, transmissions, heat exchangers, cooling systems, oil-immersed hydraulic systems, lighting installations at high temperatures, transformers.
- Sealing and capping of electronical components and electric connectors.
- Flexible and resistant bonding on to materials with different thermal expansions

Properties

Curing system: oxime at low content of Meko < 1%

Availability

Code	Colour	Packaging	Pcs./Box
1007142	black	200 ml. automatic cartridge	12

Technical data

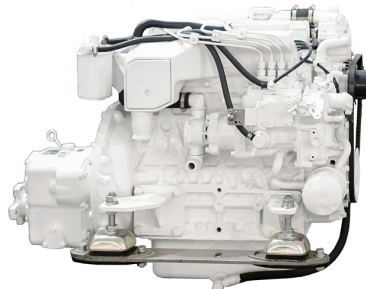
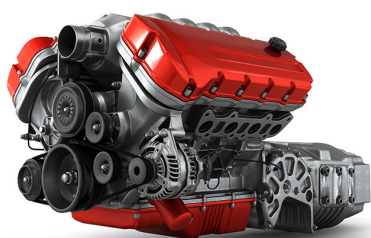
Typical properties of uncured sealant

Specific gravity :	1,3 g/cm ³
Application temperature :	from +5° to C a +40°C
Tack-free time :	5 minutes approx.
Skin formation time :	15 minutes approx.
Curing time (23°C / 50% R.H.) :	3 mm at 24 hours

Typical properties of cured sealant

Shore A hardness:	40
Tensile strength (DIN 53504) :	1,5 MPa
Ultimate elongation (DIN 53504) :	300%

Values given in this table must not be considered as specifications



GASKET SIL N



Method of use

Surface preparation: the surfaces must be clean, dry and free from dust and grease.

GASKET SIL N shows excellent adhesion to iron, aluminium, glass, ceramic, ABS, PVC, polycarbonate, polyamide, polystyrene.

Liquid gasket shaped on site: apply a bead of **GASKET SIL N** on to only one side to be joined.

The assembled components can be used after 60 minutes, even if the curing has not completed yet.

Liquid gasket cured on site: apply a bead of **GASKET SIL N** on to only one side to be joined.

Wait 10 minutes (bead 2 mm. thick) before any movement.

Curing time depends on temperature, moisture, and bead section.

Notes: remove immediately the exceeding uncured product. The vulcanised sealant can be cleared only mechanically.

Storage stability

12 months from manufacturing date for the product kept in the original sealed pack.

Keep in a dry place at a temperature range from +5°C to +30°C.