

Technical Data Sheet



High Temperature Neutral Silicone SN-350



Product Description

Koby High Temperature SN-350 is a high-quality neutral silicone, resistant to temperatures up to 350°C, for joint sealing in fireplaces, ovens, heat pipes, engines, chimneys, etc. Flexible and long-lasting sealing at high temperatures.

Characteristics

- Resistant to temperatures up to 350°C
- Fast curing
- Odourless
- Great power of adhesion
- Non-Flow
- Flexible and long-lasting seal after curing
- Non-corrosive
- Water and UV resistant
- Resistant to weather conditions

Applications

It is used in sealing of joints and surfaces subject to high temperatures such as ovens, fireplaces and chimneys. Applied to exhaust gaskets of hot fluids and/or thermostats, heat pipes, car parts and others. Good adhesion to lacquered and anodised aluminium, stainless steel and other metals, ceramics, glass, PVC, etc.

Application Method

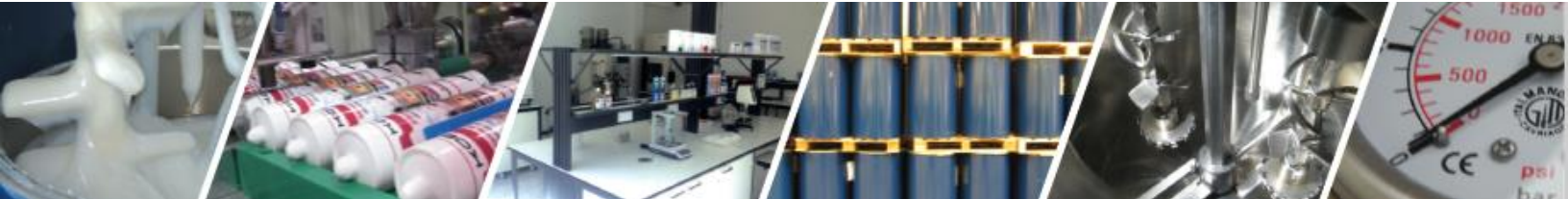
1. The surfaces must be clean, dry and free of dust or grease;
2. Apply the adhesive tape to protect the areas where you do not want to apply silicone;
3. Cut the tip of the cartridge and the provided applicator with appropriate diameter (\approx angle 45°) for the joint to seal. Thread the applicator on the cartridge and apply with manual or extrusion tool;
4. Apply silicone in the desired area and finish. With the support of a spatula, smooth the product for a better finish. The previous step must be quick;
5. Important: after application of silicone, remove the adhesive tape.

Technical Data

Base		Neutral oxime
Appearance		Thixotropic paste
Net Content		300 ml
Density (23°C)	ISO 1183-1	1.16 g/ml
Skin Formation	23°C/50% RH	10 min
Curing Rate	23°C/50% RH	2-3mm/24h
Application Temperature		+5°C a +40°C
Temperature Resistance		-40°C a +350°C
Joint Movement	ISO 11600	25%
Flow	ISO 7390	<2 mm
Elongation at Break	DIN 53504	375%
100% Modulus	DIN 53504	0.45 N/mm²
Tensile Strength	DIN 53504	1.08 Mpa
Shore-A hardness	ISO 868	35
Shelf life		12 months

* The presented values may vary according to environmental factors, such as temperature, humidity and different types of substrate.





Surface Preparations

Product Health and Safety Data Sheet must be read and understood before use. Apply the product under the appropriate conditions of temperature (environment and surfaces), +5°C to +40°C. The surfaces must be clean, free of dust or grease. There should be no loose particles or it may detach from the surface.

Cleaning

After Curing: Mechanically
Hands: Koby Hand-Washing Paste

Colour (s)

- Grey
- Black

Shelf Life

Store the product in a cool and dry place, between +5°C and +25°C. The product has a shelf life of 12 months in original packaging unopened and stored under appropriate conditions.

Health and Safety

Consult the safety data sheet before starting the application. Keep out of reach of children. For more information, the Safety data sheet (MSDS) will be available on request.

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