

Parasilico HTR-N

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DESCRIPTION

PARASILICO HTR-N HEAT RESISTANT is a neutral, high performing silicone sealant. Resistant to ageing and low and high temperatures (-50°C - +250°C). The flexibility is maintained even at short-term exposure to up to +300°C.

APPLICATIONS

PARASILICO HTR-N is specially designed for joints, which are in contact with high temperatures, such as ovens, hot plates, motors.

PARASILICO HTR-N has an excellent adhesion on the majority of materials used in the building industries, glass, faience, ceramics, metal, ò

JOINT DIMENSIONS

Joint width	Joint depth	Allowed difference
3-4 mm	4-5 mm	± 1 mm
6 mm	6 mm	± 1 mm
8 mm	6 mm	± 1 mm
10 mm	6-8 mm	± 2 mm
15 mm	10 mm	± 2 mm
20 mm	10-12 mm	± 2 mm
25 mm	15 mm	± 3 mm

PROCESSING TEMPERATURE

Between +5°C and +40°C.

PREPARATION

All surfaces should be dry, clean and free from dust or grease. When necessary, degrease with **Parasilico Cleaner**, MEK, alcohol or ethanol. If necessary, use primer. It is recommended that adhesion tests be carried out to determine the suitability of the product for its application.

PRIMERS

		Colour	Curing time (approx.)
Porous substrates	DL 783	transparent	60 min.
Non porous substrates	Detaprimer 435.1	transparant	30 min.

TOOLING

When needed with **DL100** or tools.

CLEANING

Before curing:

- a) tools: with white spirit or solvent
- b) surfaces: with **Parasilico Cleaner**

After curing:

Remove as much as possible mechanically; the remainder of the silicone with **Silicone Remover**.

REPAIRING

With the same product.

COLOURS

Black. Other colours are available on request (75 cartridges or multiples).

SHELF LIFE

Min. 12 months if kept in the original packed and stored in cool and dry conditions between +5°C and +25°C.

PACKING

25 cartridges of 310 ml /box - 48 boxes / pallet
20 sausages of 600 ml /box - 45 boxes / pallet
25 sausages of 400 ml/ box - 48 boxes / pallet

LIMITATIONS

Use in well ventilated rooms. Do not expose to thermal, mechanical or chemical influence before complete curing. Good ventilation is important during application and curing of the product.

- Primer is strongly recommended on plastics and alkaline surfaces such as concrete.
- Structural glazing: Please consult our technical service department.
- For painting sealant surface: **Parasilico VP** is recommended.
- For sanitary applications: **Parasilico Sanitary EN** is to be used.

METHOD OF USE

With a gun (manual or pneumatic). The shape of the joint is important. Avoid thin layers.

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SAFETY

The application should take place in a well-ventilated room, so that cross linker vapours can escape. The cross linker vapours may not be inhaled during long periods of time or in high concentrations. Avoid prolonged contact with skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Avoid contact with food as long as the sealant is uncured. Refer to our safety data sheet.

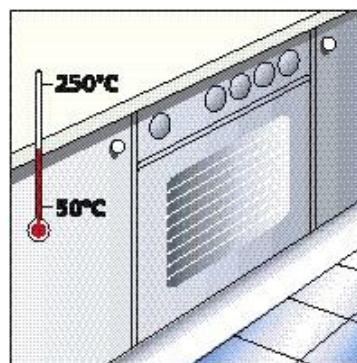
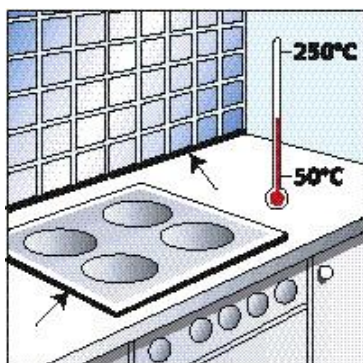
TECHNICAL CHARACTERISTICS

Uncured sealant

Type of sealant	Polysiloxanes
Curing system	Through moisture in the air
Skin forming time (23°C en 50% R.H.)	20 min
Vulcanisation rate (23°C en 50% R.H.)	3 mm / 24 hrs
Density (ISO 1183)	1.03 g/ml

Cured sealant

Shore A hardness (ISO 868)	30
Elastic recovery (ISO 7389)	> 90 %
Deformation capability	25 %
Modulus at 100% elongation (ISO 8340)	0.70 N/mm ²
Elongation at break (ISO 8339)	130 %
Temperature resistance	-50°C to + 250°C (short term to 300°C)



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The data on this sheet have been compiled according to the last laboratory report. Technical characteristics can be changed or adapted. We are not responsible for any incomplete information. Before usage, one needs to ensure that the product is suitable for his application. Therefore, tests are necessary. Our general conditions apply.