PARASILICO HTR N T

CHARACTERISTICS

- Neutral oxime curing, 1-component weatherseal silicone sealant (RTV-1)
- Very easy to apply
- Excellent adhesion to almost all building materials
- Permanent elasticity
- High resistance to ageing and low and high temperatures up to 250°
- The flexibility of the sealant is maintained even at short-term exposure to up to 300°C
- MEKO-free

APPLICATIONS

- Specially designed for joints, which are in contact with high temperatures, such as ovens, hot plates, engines, etc.
- Has an adhesive strength on the majority of materials used in building and engineering industries such as glass, faience, ceramics, metals, etc.

TECHNICAL CHARACTERISTICS	
Uncured sealant	
Type of sealant	Polysiloxanes
Vulcanising system	Through moisture in the air
Skin forming time (23°C and 50% R.H.)	27 minutes
Vulcanisation rate (23°C and 50% R.H.)	3 mm after 24h
Density: ISO 1183	1,03 g/ml
Processing temperature	+5°C - +40°C
Shelf life, in the original packing in dry conditions between +5°C - +25°C	15 months
Cured sealant	
Shore A hardness: ISO 868	26
Elastic recovery: ISO 7389	>90%
Deformation capability: ISO 11600	12,5%
Modulus at 100% elongation: ISO 8339	0,55 N/mm²
% Elongation at break: ISO 8339	130%
Temperature resistance	-50°C - +250°C (short term to 300°C)

PACKING AND COLOURS
12 cartridges of 300 ml/box - 100 boxes/pallet
25 cartridges of 300 ml/box - 48 boxes/pallet
Black

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

METHOD OF USE

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 a primer. It is recommended to carry out preliminary tests in order to determine the suitability of the product for its application.

Primers

Porous surfaces	**Silicone Primer Porous Surfaces**	Transparent	Drying time (approx.) 60 min.

DL Chemicals nv
Roterijstraat 201-203 - Zone 5 Snepbeek - 8793 Waregem - Belgium
T +32 56 62 70 51 - F +32 56 60 95 68
info@dl-chem.com - **www.dl-chem.com**

Rev. 7, 04/07/22

Non porous surfaces	**Silicone Primer Non-porous Surfaces**	Transparent	Drying time (approx.) 60 min.

Application

- With a sealant gun (manual or pneumatic). The size and shape of the joint is very important. Avoid thin joints.
- Use in well-ventilated rooms. Good ventilation is important during application and curing of the product.
- Do not subject the joint to thermal, mechanical or chemical stress before curing is complete.

Joint dimensions (Maximum joint width: 30 mm)

Joint width	Joint depth	Allowed difference
3-4 mm	3-4 mm	± 1 mm
6 mm	6 mm	± 1 mm
8 mm	8 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
30 mm	18 mm	± 3 mm

Tooling

- If desired, smooth surface before skin formation with the **Perfect Joint Tooling Agent** and/or the **Perfect Joint Tool**.
- Avoid that tooling agent ends up on the surface before applying the silicone. Silicone does not adhere to a damp surface.

Cleaning

- Before curing: Tools, surfaces and uncured residues can be removed with **Parasilico Cleaner, Multi-Purpose Super Cleaner** or **Cleaning Wipes.**
- After curing: Remove cured sealant mechanically. Remainder of silicone can be removed with **Silicone Remover**.

Repairing

With the same product.

LIMITATIONS

- Do not expose to thermal, mechanical or chemical influences before complete curing.
- For sanitary applications we recommend **Parasilico Sanitair N (T)** or **Parasilico Premium T**.
- There is no adhesion on PE, PP, PTFE (Teflon®) and bituminous substrates.
- We recommend **Parasilico PL T** on polyacrylate and polycarbonate.
- Do not use on natural stone (staining). We recommend **Parasilico NS (T)** on natural stone.
- Not paintable: see **Parasilico VP (T)**.
- Do not use as a glazing sealant.
- A total absence of UV can cause a colour change of the sealant.

TECHNICAL APPROVALS

* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

DL Chemicals nv
Roterijstraat 201-203 - Zone 5 Snepbeek - 8793 Waregem - Belgium
T +32 56 62 70 51 - F +32 56 60 95 68
info@dl-chem.com - **www.dl-chem.com**