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**SILIRUB HT°-N**

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**Revision:19/07/2005****Page 1 of 1****Technical Data:**

Base	Polysiloxane
Consistency	Stable Pasta
Curing System	Moisture Cure
Skin Forming (20°C/65% R.H.)	Ca. 5 minutes
Cure speed	2 mm/ 24 h
Hardness (DIN 53479)	40 ± 5 Shore A
Specific Gravity (DIN 53479)	Ca. 1,18 g/mL
Temperature Gravity	-50°C to +280°C
Elastic Recovery (ISO 7389)	> 80 %
Elongation at Break (DIN 53504)	> 300 %
Elastic Modulus (DIN 53504)	1,10 N/mm <sup>2</sup>
Maximum Tension	3,0 N/mm <sup>2</sup>
Maximum Deformation	± 15 %

**Product:**

Silirub HT°-N is a neutral cure, elastic, single component engineering sealant based on silicone which withstands very high temperatures.

**Characteristics:**

- Permanently elastic after full cure
- Neutral cure, high modulus
- High bond strength
- Withstands temperatures of up to 280°C

**Applications:**

Sealing of heating installations  
Gaskets in pumps and engines  
All sealants applications which require high temperature resistance

**Packaging:**

*Colour:* black, blue  
*Packaging:* cartridge 310mL

**Shelflife:**

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°. Do not expose to frost.

**Surfaces:**

*Type:* most common building surfaces, especially suited for metals  
*State of Surface:* clean, dry, free of dust and grease  
*Preparation:* porous substrates must be primed with Pirmer 150. Surface Activator will improve adhesion on smooth surfaces  
We recommend a preliminary compatibility test.

**Joint Size:**

*Minimum Width:* 2mm  
*Maximum Width:* 30 mm  
*Minimal depth:* 5 mm  
*Recommendation:* width = 2 x depth

**Application:**

*Method:* caulking gun  
*Application temperature:* +5°C to +35°C  
*Clean:* with white spirit before curing  
*Repair:* with Silirub HT°-N  
*Finish:* with soapy solution before skin forming

**Health- and Safety Recommendation:**

Apply the usual industrial hygiene.

**Remarks:**

Chemically completely neutral

Remark: The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments.