



SOUDASIL HT1 / SILIRUB HT1

Revision: 08/19/2015

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Technical Data:

Base	Polysiloxane	
Sag	No sag in vertical displ. @120°F	ASTM C 639
Curing system	Moisture Cure	
Skin Formation (*)	6 - 7 minutes	@ 75°F & 50% relative humidity
Tack-free time (*)	25 minutes	ASTM C 679
Curing time (*)	48 hrs, 1/4" diameter bead	@ 75°F & 50% relative humidity
Hardness – Shore A	20 +/- 5	ASTM C 661
Tensile Yield	170 psi	ASTM D 412
Elongation	>350%	ASTM D 412
Movement capability	+/- 25%	ASTM C 719
Stain and color change	Passes	ASTM C 510 (mortar)
Artificial weathering	No Cracking	ASTM C 793
Service temperature range	-40°F to +500°F	
Application temperature range	-35°F to +140°F	
Shelf life	12 months	Stored between 41°F & 77°F
VOC	3% - 30g/L	Directive 2004/42/EG

(*) these values may vary depending on environmental factors such as temperature, moisture, and type of substrates.
Test results are averages obtained under laboratory conditions. Reasonable variations can be expected.

Product:

Soudasil HT1 is a one-part acetoxy silicone sealant that withstands very high temperatures.

Characteristics:

- Very easy application
- High temperature resistance
- Stays permanently elastic after curing
- Typical acetic smell
- Excellent UV resistance
- Not paintable

Applications:

- Creation of heat resistant gaskets
- Sealing between metal part
- Gaskets in pumps and motors
- Sealing in heating systems
- Sealing in kitchen machinery

Color:

Red

Packaging:

10.1 fl. oz. cartridges

Surfaces:

Type: all usual surfaces

State of surface: clean, dry, free of dust and grease

Preparation: No primer required for non-porous surfaces.

We recommend a preliminary compatibility test.

Application:

Method: Caulking gun

Conditions: 40° F to 95° F

Finish: soapy water before skinning

Repair With: Soudasil HT1

Clean Up: white mineral spirit immediately after use

Shelf life:

12 months in unopened packaging in a cool and dry storage place at temperatures between +41° F and +77° F

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Remarks:

- Due to acetic character some metals (copper, lead) can be attacked.
- There is no adhesion on PE, PP, PTFE (Teflon®), silicones and bituminous substrates.

Meets:

ASTM C 920, Type S, Grade NS, Class 25, Use NT, A. Federal Specification TT-S-00230C, Type II, Class A.

FDA Regulations 21 CFR Section 177.2600: "Rubber articles intended for repeated use".

Health- and Safety Recommendation:

KEEP OUT OF REACH OF CHILDREN. Avoid skin and eye contact. On Contact, uncured sealant could cause irritation to skin and eyes. In case of eye contact, flush eyes with warm water for 15 minutes, call a physician. For skin contact, remove sealant with a paper towel. If swallowed, do not induce vomiting, call a physician. Soudasil HT1 is manufactured for professional use only. Refer to Material Safety Data Sheet (MSDS) for further information.

Limited Warranty:

SOUDAL warrants product to be of good quality and will replace or, at our election, refund the purchase price of any products proved to be defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement or refund, SOUDAL MAKES NO WARRANTY OR GUARANTEE, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS, and SOUDAL shall have no other liability with respect thereto. Any claim regarding product defect must be received in writing one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith.

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