

Soudasil HT1

SOUDAL

- 100% RTV Silicone
- High Temp Silicone, Withstands Temperatures Up to Intermittent Heat of 500°F
- Red In Color
- Excellent Adhesion to Glass, Ceramic, Porcelain, Metals, Wood & Many More
- Permanently Elastic
- Watertight & Airtight
- Easy to Apply & Easy Clean-up
- UV Resistant
- Meets ASTM C-920, Type S, Grade NS, Class 25
- Complies With FDA Regulations 21 CFR Section 177.2600: "Rubber Articles Intended For Repeated Use"



**HVAC/R
Heating Elements
Vents & Pipes**

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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.

Limitations:

- This product is not paintable.
- This product is not to be used as a structural glazing sealant.
- We always recommend a preliminary adhesion test on every surface.
- Lower temperatures and humidity will extend curing time.

CAUTION:

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 Safety Data Sheet (SDS) for further information.

PLEASE REFER TO TECHNICAL DATA SHEET FOR COMPLETE INFORMATION ABOUT THE PRODUCT



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SoudasilHT1/110518