



Tonsan SN2310T

H.B. Fuller® SN2310T is a high quality, one component sealant based on silicone polymer. It is a RTV (room-temperature vulcanizing) cure material.

This material has very good adhesion without the need for primers to a wide range of substrates. It can be used for a variety of interior and exterior bonding and sealing applications.

Technology / Base	Poly(dimethyl) Siloxane
Type of Product	Silicone Sealant
Components	One Part
Curing	Oxime Moisture Cure
Appearance / Color	Transparent
Consistency	Thixotropic Paste

Features and Benefits

- Optimum adhesion to glass, metal, stone, etc.
- Material will not sag and run after dispensing
- Will not change or affect substrate appearance after cure
- Excellent flexibility
- Low odor, non-corrosive

Typical Applications

- Oil pans
- Transmission case
- Sealing between metal and gasket
- Sealing for general mechanical equipment

Curing Conditions

Cure speed will vary with temperature, relative humidity, depth of material and presence of moisture. Some applications may require special surface preparation. Contact H.B. Fuller Company technical support for additional curing recommendations.

Storage and Shelf Life

Product shall be ideally store in a cool, dry area in unopened containers. Material should be stored at a temperature of 5-25°C for a maximum shelf life of 1 year in the original unopened container. Do not return unused material back into the container.

General Instructions

- For best performance bond surfaces should be clean, dry and free of any contaminants and oils.
- Apply a continuous and even bead of silicone to one surface, surround all bolt holes.
- Assemble parts immediately. Remove excess material at once.
- Fully cures (2mm) in 24 hours at 23±2°C, 50±5% relative humidity. Need more time to cure in colder or lower humidity conditions.

Note

The values noted in this data sheet are typical properties only and are not intended to be used as material specifications. For assistance in writing a material specification, please contact H.B. Fuller Company for further details.

Ordering Information

Cartridges, Sausages, Pails, and Drums

Safety and Disposal

For complete safety and handling information, please refer to the appropriate Safety Data Sheets prior to using this product.





Technical Data

Physical Property	Value	Condition/Method
Rheology		
Viscosity	Thixotropic Paste	
Density		
Specific Gravity	1.0	
Uncured Material Characteristics		
Tack Free Time	5 Min	
Full Cure Time	24 hr \geq 3mm	
Cured Material Performance		
Thermal Service Range	-54 to 210°C	
Hardness	25 Shore A	ASTM D2240
Tensile Strength	1.15 MPa	ASTM D638, 23 \pm 2°C 50% RH
Elongation to Break	450%	ASTM D638, 23 \pm 2°C 50% RH
Lap Joint Shear Strength		
Carbon Steel		0
Aluminum		0
Heat Aging Testing		
Elongation at Break	0%	0
Tensile Strength	0	ASTM D638, 23 \pm 2°C 50% RH
Oil Resistance Testing		
Elongation at Break	0	0
Tensile Strength	0	ASTM D638, 23 \pm 2°C 50% RH

Test Sample Conditions: 3mm Thickness, Cured at 23 \pm 2°C, 50 \pm 5%RH for 7 days. Tested at 23 \pm 2°C

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