

AUBURN PRODUCT NEWS

PRELIMINARY DATA SHEET

SILICONE Pressure-Sensitive Adhesive #SP-2021

Auburn can apply a **Silicone Pressure-Sensitive #SP-2021** adhesive to our silicone elastomer products. The silicone adhesive is an inorganic system that functions through a very wide temperature range. This adhesive is manufactured to form a nonconductive ash when subjected to flame.

Typical Properties

Property	SP-2021
Thickness (mils) (Will range depending on the substrate)	10
Adhesion to Steel (oz./in. width) (Will range depending on the substrate)	15
Operating Temperature (°F)	-100° F – +500° F
Shelf Life On Silicone Sponge On Silicone Solid	6 months 12 months
<i>(Note: Once optimum adhesion is reached, the adhesive will not dry out when used within required temperature range.)</i>	
Release liner supplied to protect adhesive system	yes

All properties are typical values and should not be used for writing specifications.

Auburn recommended Thermo-Setting Cure Cycle:

1) Adhesion strength can be increased by subjecting the material to 400° F for 1-5 hours.

*Note: Adhesion to steel tested on 1.0 mil polyester, 1.5 MILS of cured adhesive
In accordance with ASTM D-1000.*

Application Advantages

- Excellent hi/low temperature resistance.
- Silicone adhesive is resistant to UV light and fungus.
- Excellent aging once applied to a substrate.
- Often removable without residue.
- Adhesive can be applied at low temperatures.
- Silicone PSA is available on elastomers over and including 1/32" and above
- Adheres to non-stick surfaces (polyolefins, fluoropolymers, and silicones).
- Excellent wet-out ability.

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