

# AUBURN PRODUCT NEWS

## PRELIMINARY DATA SHEET

### ACRYLIC Pressure-Sensitive Adhesive #AP-2022

Auburn can apply an **Acrylic Pressure-Sensitive #AP-2022** adhesive to our silicone elastomer products. The acrylic adhesive is electrical grade and capable of functioning up to 302° F continuous. Acrylic adhesives do not require thermosetting; however, thermosetting will enhance adhesion. Acrylics show excellent adhesion to steel and excellent UV resistance, bonding strength and solvent resistance. Once the optimum adhesion has been reached, either through time, pressure and/or heat, the adhesive will not dry in use within the operating temperature.

#### Typical Properties

Property	AP-2022
Thickness (in.)	.003"
Adhesion to Steel (oz./in. width)	30
Operating Temperature (°F)	-20° F – 325° F
Shelf Life	2 years from date of shipment
Storage Conditions	70° F – 90° F, less than 50% RH
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.) 1 hour @ 302° F or
- 2.) 2 hour @ 266° F or
- 3.) 3 hour @ 248° F

*Note: Adhesion to steel tested on 4.0 mil dead soft aluminum foil, In accordance with ASTM D-1000.*

#### Application Advantages

- Excellent solvent resistance.
- Adhesive can be thermoset.
- Acrylic PSA is available on elastomers 1/32" and above.
- Adhesive can be affixed to one or both sides of the silicone.
- All sheets or rolls are supplied with an easy-to-remove peel-off release liner on the adhesive side.

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