

ACRYLIC

Pressure-Sensitive Adhesive

Saint-Gobain Performance Plastics (SGPPL) can apply an acrylic pressure-sensitive 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, strength and solvent resistance.

Once the optimum adhesion has been reached, either through time, pressure and/or heat, the adhesive will not dry out in use within the operating temperature range.

Typical Properties

Thickness (in.)	.003"
Adhesion to Steel (oz./in. width)	30
Operating Temperature Range (°F)	-20 – +325
Shelf Life	2 years from date of shipment
Storage Conditions	70°-90°F, less than 50% humidity
Release liner supplied to protect adhesive system.	—

Saint-Gobain (Furon) recommended Thermo-Set Cure cycle:

1. 1 hour at 302°F or
2. 2 hours at 266°F or
3. 3 hours at 248°F

Values shown are typical. Certified test reports for writing specifications are available.

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

Limited Warranty: For a period of 6 months from the date of first sale, Saint-Gobain Performance Plastics Corporation warrants this product(s) to be free from defects in manufacturing. Our only obligation will be to provide replacement product for any portion proving defective, or at our option, to refund the purchase price thereof. User assumes all other risks, if any, including the risk of injury, loss or damage, whether direct or consequential, arising out of the use, misuse, or inability to use this product(s). SAINT-GOBAIN PERFORMANCE PLASTICS DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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Application Advantages

- Excellent solvent resistance.
- Adhesive can be thermoset.
- Acrylic PSA is available on elastomers 1/32" and above.

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