

Customer Mounting Procedure for Silicone Rubber Heaters with Pressure Sensitive Adhesive (PSA)



Do NOT apply power to heater prior to proper installation. Disconnect power supply to heater before removing the heater from installation.

1. Make sure the bonding surface is clean, dry and free of oil, grease, soap and dust.
 - A. Do NOT use cleaning solutions that will leave a film that could interfere with the adhesion of the silicone rubber heater.

2. Remove the release liner from the heater.
 - A. Peel away the liner at the edge of the heater.
 - B. Remove the liner using a quick, constant force, maintaining an angle as close to 180° as possible.
 - 1) Do not touch the adhesive surface during or after the removal of the release liner.
 - 2) Make sure that the adhesive does not come up with the liner.

3. Press the adhesive side of the heater firmly against the bonding surface with a rubber roller or squeegee, making sure that there are no air pockets between the heater and the bonding surface.

Air pockets will cause premature heater failure

 - A. Do not re-position the adhesive/heater once it comes in contact with the bonding surface. The overall adhesive strength will be greatly reduced.

4. Let the lamination set and cure for 24 to 72 hours to ensure optimum bond is achieved.

5. The silicone rubber heater with PSA should be stored at 70°F or lower and 50% humidity before use. Use within 3 months from date of purchase for optimum bonding.

6. **Maximum continuous operating temperature of Silicone Rubber Heaters with Pressure Sensitive Adhesive is 300°F (149°C) depending upon the bonding surface material.**

For additional information please contact the appropriate Tempco territorial sales manager.