

Application Procedure for UHB10G

1. Substrate Evaluation

Acrylic adhesive is suitable for bonding a variety of substrates, including many plastics, composites, sealed wood and metals. Low energy surface materials such as polyethylene, polypropylene, silicones and Teflon can be a difficult surface in which to bond. Thorough evaluation is recommended when bonding to any questionable surface. An adhesion promoter (primer) for use with pressure sensitive acrylic adhesives may be necessary to facilitate proper bonding and are available.

2. Preparation of Substrate

The substrate to be bonded should be cleaned with an appropriate solvent; preferably IPA (isopropanol) no more than 15 minutes prior to bonding of acrylic adhesive backed part. To ensure removal of all contaminants without leaving any residue use a clean, lint-free wiping cloth or disposable cloth (never recycled rags). Other solvents such as hexane, heptane or methanol may be suitable for cleaning various substrates after thorough evaluation. The substrate must be thoroughly dry through evaluation of the solvent with radiant heat, hot air dryers or with time before bonding acrylic backed parts.

Insure optimum substrate temperature, never below 60°F (15°C) at application time.

Store acrylic adhesive backed parts to be bonded at no less than room temperature to avoid moisture condensation on the acrylic adhesive.

3. Application of Adhesive Backed Part to the Substrate

Insure optimum application temperature of 50°F to 100°F (10°C to 38°C).

Remove the protective release liner from the acrylic tape immediately prior to applying the part to be bonded, being careful not to contaminate the acrylic adhesive.

Apply the part to be bonded without entrapping air between the tape and the substrate with a recommended minimum application pressure of 15 pounds per inch of tape width to achieve adhesive to substrate contact and maximum bond strength.

Warranty

We warrant our products to meet our published physical properties at the time of sale when tested according to our standards. User shall determine the suitability of the product for its intended use and assume all risk and liability. WE SHALL NOT BE LIABLE FOR ANY INJURY, LOSS OR DAMAGE, BEYOND PRODUCT REPLACEMENT DESCRIBED IN THIS LIMITED WARRANTY, AND IN NO EVENT SHALL WE BE LIABLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES.

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