



NECAL Corporation

Stick with Us

Technical Data Sheet

NECAL 5130 HEAT ACTIVATED ADHESIVE

DESCRIPTION

NECAL 5130 is a unique thermoplastic adhesive with excellent bonding characteristics.

FEATURES

NECAL 5130 is designed to be resistant to blocking, so it needs no release liner. NECAL 5130 has the unique capability of bonding to a wide variety of substrates, including; glass, wood, aluminum, steel, brass, various cloths and leathers, and most plastics (ABS, styrene, nylon, celcon, polyethylene, and polypropylene). In addition, NECAL 5130 has excellent resistance to water, oil, gas, and most detergents and has excellent low temperature properties.

PHYSICAL PROPERTIES

| | |
|-----------------------------|----------------------------------|
| Thickness (without liner): | 2.5 mils Heat Activated Adhesive |
| 90° Peel Aluminum from ABS: | >12 lbs. |
| Temperature Range: | -60°F. Minimum 190°F. Maximum |

BONDING INSTRUCTIONS

Adequate pressure to initiate bonding required, for 1.5 – 10 seconds dependent upon substrate. It is essential that the glue line be between 300° - 350°F for bond to develop. Keep in mind the heat sink effect of the substrate. It may be necessary to preheat the substrate or increase temperature and/or dwell time.

STORAGE DATA

The shelf life of this material is at least two years when stored at 72°F and 50% relative humidity. Increased temperatures and/or humidity will affect performance characteristics.

NOTICE

The information shown here represents typical values, which may vary with each application. The values are not intended to be a performance guarantee and are not intended to be utilized for setting specifications. Users should determine, prior to use, the suitability of this material for their application.



Standard UL 969

This material complies with
Component-Marking and Labeling
System Materials (PGGU2).

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