



NECAL Corporation

Stick with Us

**NECAL 9175** is an unsupported film of pressure sensitive adhesive displaying excellent bond characteristics and good initial tack. It is an excellent option for membrane switched, overlays, industrial transfer tapes and multi-purpose laminations. This adhesive is used in Appliance, Automotive, Transportation, Industrial Equipment, Recreational Products, and Electronic Applications.

## FEATURES

**NECAL 9175** will adhere to many substrates including aluminum, brass, steel, glass, enamels, and plastics such as polystyrene, ABS, and acrylic. Because of its thickness **NECAL 9175** is recommended for use on rough surfaces.

## PHYSICAL PROPERTIES

Thickness (without liner):

4.0 mils acrylic adhesive

Release Liner:

Available with P, W, H, J, HD, VF, P1, HD-2 or W1 liners

180° Peel from Stainless Steel:

>5 lbs. after 16-hour dwell (PSTC-101)

Loop tack from Stainless Steel

>4 lbs. (PSTC-16)

Shear Adhesion:

>7 days (1-inch x 1-inch x 1000 g @ 72°F)

Temperature Range:

Application: 50°F. Minimum

Service: -40°F. Minimum

Short Term (minutes/hours): 400°F.

Long Term (days/weeks): 300°F.

All tests conducted with a 2 mil PET backing

## BONDING INSTRUCTIONS

Remove the release liner and apply to a clean, dry substrate. Use firm pressure to obtain maximum contact.

Increasing application force will optimize bond strength to surface. The adhesive will reach maximum bond after 72 hours.

## 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

System Materials (PGGU2).

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