



NECAL Corporation

Stick with Us

Technical Data Sheet

NECAL 9180S PRESSURE SENSITIVE ADHESIVE

DESCRIPTION

NECAL 9180S is a supported pressure sensitive adhesive displaying high tack and good creep resistance.

FEATURES

NECAL 9180S will adhere to many substrates. The thickness of NECAL 9180S gives good conformability to rough or uneven surfaces (i.e. mold marks, etc.).

PHYSICAL PROPERTIES

Thickness (without liner):	5.5 mils (total)
Construction:	Acrylic adhesive on both sides of a non-woven polyester scrim
Release Liner:	Available with P, W, H, J, VF, P1 or W1 liners
180° Peel from Stainless Steel (both passes):	>3 lbs. after 16 hour dwell (PSTC-101)
Shear Adhesion (both passes):	>7 days (1 inch x 1 inch x 1000 g @ 72°F)
Temperature Range:	Application: 50°F. Minimum Service: -40°F. to 350°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

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

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