



NECAL Corporation

Stick with Us

# Technical Data Sheet

## NECAL 8196-5 PRESSURE SENSITIVE ADHESIVE

### DESCRIPTION

NECAL 8196-5 is a supported film of pressure sensitive adhesive displaying high performance bond characteristics as well as outstanding initial tack.

### FEATURES

NECAL 8196-5 will adhere to many substrates.

### PHYSICAL PROPERTIES

Thickness (without liner):	5.0 mils (total)
Construction:	Acrylic adhesive on both sides of a 1 mil 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: -20°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.

March-2018