



NECAL Corporation

Stick with Us

Technical Data Sheet

NECAL 8196-4 PRESSURE SENSITIVE ADHESIVE

DESCRIPTION

NECAL 8196-4 is a supported film of pressure sensitive adhesive displaying high performance bond characteristics as well as outstanding initial tack.

FEATURES

NECAL 8196-4 will adhere to many substrates.

PHYSICAL PROPERTIES

Thickness (without liner):	4.5 mils (total)
Construction:	Acrylic adhesive on both sides of a .00048 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

*Tentative value due to limited test data

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