



NECAL Corporation

Stick with Us

# Technical Data Sheet

## NECAL 1421 PRESSURE SENSITIVE ADHESIVE

### DESCRIPTION

NECAL 1421 is a polyethylene foam supported pressure sensitive adhesive displaying high tack and good creep resistance.

### FEATURES

NECAL 1421 will adhere to many substrates, including low energy surfaces such as polyethylene and polypropylene.

### PHYSICAL PROPERTIES

Thickness (without liner):	60 mils (total)
Construction:	Modified acrylic low surface energy adhesive on both sides of a black or white polyethylene closed-cell foam
Release Liner:	Available with P, W, P1, or W1 liners
180° Peel from Stainless Steel (both passes):	>5 lbs. after 16 hour dwell (PSTC-101)
Shear Adhesion (both passes):	>7 days (1 inch x 1 inch x 227 g @ 72°F)
Temperature Range:	Application: 50°F. Minimum Service: -20°F. to 270°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.

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