



NECAL Corporation

1326 South Water Street, Sparta, WI 54656
608.269.3000, www.necal.com

Technical Data Sheet

NECAL 9180S PRESSURE SENSITIVE ADHESIVE

DESCRIPTION

NECAL 9180S is a supported film of 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

Composition:	Acrylic
Release Liner:	Available with P or W liners
Thickness:	5.5 mils (total)
Scrim:	Nonwoven polyester 2.0 mils thick
Adhesion: (1)	320 - 350 oz. /in.
Tensile: (2)	180 p.s.i.
Shear Adhesion: (3)	7 days +
Temperature Range:	Application: 50°F. Minimum Service: -40°F. Minimum 350°F. Maximum

- (1) PSTC-1
- (2) Polyester to SS (1 sq.in.)
- (3) 1000 grams/sq.in. (polyester to SS)

BONDING INSTRUCTIONS

Remove the release liner and apply to a clean, dry substrate. Use firm pressure to obtain maximum contact. Use of air, hydraulic or mechanical bonding press is recommended with pressure of 40-60 p.s.i. with a dwell time of 2-5 seconds.

STORAGE DATA

The shelf life of this material is at least two years when stored in a cool, dry place.

NOTICE

The information shown here represents typical values, which may vary with each application. The values are not intended to be a performance guarantee. 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).

