Technical Data Sheet

NECAL 9071 PRESSURE SENSITIVE ADHESIVE

DESCRIPTION

NECAL 9071 is an unsupported film of pressure sensitive adhesive displaying excellent bond characteristics, high clarity, and good initial tack. It is an excellent option for decals, overlays, industrial transfer tapes, multi-purpose laminations. This adhesive will adhere to face stock materials such as PET, mylar, vinyl, acrylic and styrene. This adhesive is an excellent option for permanent protective films, tapes, labels/decals, point-of-purchase, and vinyl sign graphics.

FEATURES

NECAL 9071 will adhere to many substrates, including aluminum, brass, steel, glass, enamels, and plastics such as polystyrene, ABS, and acrylic. NECAL 9071 is intended for smooth or flat surfaces.

PHYSICAL PROPERTIES

Thickness (without liner):	1.0 mils acrylic adhesive	
Release Liner:	Available with P, W, H, J, HD, VF, P1, HD-2 or W1 liners	
180° Peel from Stainless Steel:	>2 lbs. after 16-hour dwell (PSTC-101) *	
Shear Adhesion:	>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.

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