



# NORLAND PRODUCTS INCORPORATED

1095 Cranbury South River Road, Suite 20, Jamesburg, NJ 08831

Tel • 609-395-1966

Fax • 609-395-9006

Website: [www.norlandproducts.com](http://www.norlandproducts.com)

## NORLAND ELECTRONIC ADHESIVE 155

Norland Electronic Adhesive 155 is a single component, solvent free adhesive that cures in minutes at high temperatures to form an electrically insulating polymer for bonding, sealing or potting of electronic components.

NEA 155 is a soft, smooth, thixotropic paste that can be readily applied by syringe, screen printing or pin transfer techniques. It is ideal for bonding SMT devices to printed circuit boards so that they can pass through the solder bath without shifting.

The advantage of this adhesive is its long shelf life and fast cure. The adhesive will not dry out, change viscosity or cure up under normal handling conditions making it ideal for automated equipment.

NEA 155 shows excellent adhesion to printed circuit boards, ceramics, metals and many plastics. When cured it has excellent electrical resistance that will not change or deteriorate with age.

### Typical Properties

Viscosity	Thixotropic paste
Color	Red
Cure Schedule	
125°C	20 minutes
150°C	10 minutes
Service Temperature	
Continuous	150°C
Intermittent	300°C
Shelf Life	4 months at room temp.
Dielectric Constant @ 1 MHz	4.0
Dissipation Factor	0.045
Volume Resistivity (ohm-cm)	$1 \times 10^{15}$
Surface Resistivity (Megohms)	$1 \times 10^9$
Dielectric Strength (volts)	980
Arc Resistance (sec)	95