



70-3815

Thermally Conductive Epoxy Adhesive

DESCRIPTION:

70-3815 is an easy to use thermally conductive epoxy adhesive. It is formulated for electronic applications requiring fast heat dissipation. 70-3815 has a convenient one to one mix ratio by volume and has a spreadable non-sag thickness.

70-3815 offers fast heat dissipation for a wide range of electronic applications. The blue resin and grey hardener provide an excellent visual indication of a complete mix.

FEATURES:

- Thermally conductive
- Packaged in easy to use tubes
- Forms strong bonds to a variety of substrates
- Vibration and impact resistant

TYPICAL SPECIFICATIONS:

Viscosity @ 25°C cps	Thixotropic paste
Mix ratio by volume	1:1
Working time, 25°C	15 minutes
Specific Gravity, 25°C	2.3
Hardness, Shore D	80
Color	Blue
Tensile Lap Shear, psi	2,200
Operating Temperature Range, °C	-40 to +100
Dielectric Strength, V/mil	400
Thermal Conductivity, W/m- °K	0.836
Heat Distortion, °C	54

INSTRUCTIONS FOR USE:

- A. Six ounce tubes
1. Squeeze out equal lengths of blue epoxy and grey hardener.
 2. Mix until color is uniform.
 3. Cure Schedule:
 - a. 25° C 8 hours
 - b. 65° C 45 minutes

IMPORTANT:

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