

Protective Coating



FEATURES

- Excellent mechanical and chemical protection.
- Good leadwire anchor.
- Also used as an adhesive
- Elevated-temperature cure.

DESCRIPTION

Two-component 100%-solids, elevated-temperature-curing epoxy system. Very high viscosity. Generally applied with a spatula, and can be contoured to the surface. Coating thickness 0.005-0.03 in [0.1-0.75 mm].

Commonly used for mechanical protection at elevated temperatures and in highly reactive hot synthetic oils such as in aircraft engines. Very good leadwire anchor to high g-fields (see Application Note TT-601, VRH-AN0601). Can be used to fill slots or grooves. Can be machined after cure.

CHARACTERISTICS

Cure Requirements:

Cure 6 hours at +250°F [+120°C],
or 3 hours at +300°F [+150°C],
or 2 hours at +350°F [+175°C],
or 1 hour at +400°F [+205°C].

Mixed pot life 10 hours at +75°F [+24°C]; increased by refrigeration, indefinite by freezing.

Operating Temperature Range:

Short Term: -100° to +500°F [-75° to +260°C].

Long Term: -100° to +400°F [-75° to +205°C].

Shelf Life:

6 months minimum at +75°F [+24°C];
refrigeration recommended.

PACKAGING

Kit:

3 mixing jars ea Resin and Hardener [45 g].