

L-333

Modified Epoxy Film Adhesive



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Product Data Sheet

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Description

L-333 is a 250°F (121°C) curing modified epoxy film adhesive suitable for a wide variety of metal to metal or metal to core bonding applications. L-333 provides excellent peel strength over a wide range of processing cycles and is very suitable to rapid 'in-hot, out-hot' cure cycles.

Advantages of L-333

- ❖ Cure cycles as low as 235°F (113°C), varying heat-up rates, vacuum or positive pressure may be used without a significant reduction in bond joint strength.
- ❖ Low volatile content makes L-333 ideally suited for large area sandwich or metal to metal sections.
- ❖ L-333 exhibits excellent environmental resistance to salt spray, high-humidity, and standard test fluids.

Physical Properties

- *Standard Weight:* 0.060 lbs/ft² (292 g/m²)
- *Optional Weights:* 0.030 lbs/ft², 0.045 lbs/ft², 0.075 lbs/ft², 0.090 lbs/ft²
- *Standard Thickness:* 0.012" (0.30 mm)
- *Volatile Content:* Less than 0.5%
- *Tack:* Slightly Tacky

Flammability

- *A flame retardant version is available: L-333FR*

Availability

- *48" Wide Rolls x 100 Yards Long (122 cm x 91 m)*

Shelf Life

- *6 months at 40°F (4°C) or below*
- *7 days at Room Temperature (70°F or 21°C)*

Cure Cycles

- *40 minutes at 275°F (135°C), or*
- *60 minutes at 250°F (121°C), or*
- *90 minutes at 235°F (113°C).*

Applicable Documents

- *MMM-A-132*
- *MIL-A-25463*

Adhesive Primers

- *L-309 Corrosion Inhibiting Primer*
- *L-312 Adhesive Primer*
- *L-319-1 Corrosion Inhibiting Adhesive Primer*

NOTICE:

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