

# L-933

## Woven Adhesive Prepreg



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### Product Data Sheet

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#### Description

L-933 is a 250°F (121°C) curing prepreg with a clear epoxy resin matrix. Available on carbon fabrics such as style 3K70P or other styles as requested. L-933 is intended to be used as a single ply or multiple ply laminate or a co-cured skin for aramid/phenolic honeycomb, aluminum honeycomb or PVC foam core sandwich panels.

#### Advantages of L-933

- ❖ The clear resin allows the designer to create parts with surface esthetics which shows the fiber of the fabric.
- ❖ L-933 can be bonded directly to a variety of core or surfacing materials.
- ❖ Easy processing is another major advantage. L-933 can be cured with vacuum bag, press or autoclave type cures from 90 minutes at 235°F (113°C) or in just 40 minutes at 275°F (135°C) with contact pressure (235°F (113°C) cure temperatures are recommended for urethane or PVC core).

#### Physical Properties on 3K Carbon Plain Weave

- *Standard Weight:* 0.079 lbs/ft<sup>2</sup> (386 g/m<sup>2</sup>)
- *Standard Resin Content:* 50% by weight
- *Standard Tack:* Medium
- *Cured Ply Thickness:* 0.007" (0.178 mm)
- *Other Weights, Resin Contents, and Fabrics are Available.*

#### Flammability

- *A flame retardant version is available: L-933FR*

#### Availability

- *Up to 60" width in rolls up to 60 yards long (152 cm x 55 m)*



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## 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).*

### NOTICE:

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