

## RM-1014 Polyimide Adhesive Film

RM-1014 high service-temperature adhesive films are made from addition-cure polyimide technology, formulated for use with Renegade Materials' MVK-14 Freeform® Prepregs.

- Standard width 12-inch or 24-inch
- RM-1014 Adhesive Film co-cures with MVK-14 Freeform® prepreg
- RM-1014 films are supported with E-glass scrim cloth for easy handling.
- Suitable for metallic, non-metallic, and honeycomb structure bonding
- Paste (PASTE-1014) and Primer (PRIME-1014) are also available
- Excellent tack and drape, handling.
- No MDA (methylene dianiline) or other known carcinogenic ingredients

### Typical Properties

Weight	0.06 or 0.10 ± 0.010 PSF or higher
Volatiles	18-22 wt%
Tg (DSC)	600°F with post-cure shown below
Shelf Life	12 months at 0°F

### Typical Properties – PRIME-1014 Polyimide Primer Solution

Solids Content	8-12 wt%
Density	7 lb/gallon
Shelf Life	12 months at 0°F
Application	Spray or Brush
Recommended Drying	1 hr at 350°F

Properties Based on Lab-Scale Testing	Test Condition	RM-1014 Result
Single Lap Shear on Titanium ASTM-D1002	75°F	2700 psi
	500°F	2700 psi
Single Lap Shear on Composite	75°F	2900 psi
Flat-Wise Tension	75°F	Not tested
Flat-Wise Tension	500°F	Not tested



## Recommended Cure Information

- **Cure: 5°F/minute to 560°F +/-10°F. Hold 2-hours in autoclave 15" Hg, 100-psia.**
- **Post-cure: Free standing, in air, 560°F for 2 hours**

The information offered herein are true, however Seller makes no warranty regarding the actual properties generated using the purchasers' equipment and process. Buyers should make their own evaluation to determine suitability of any product for their own intended purposes.

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