

Hysol®

FOR THE ULTIMATE STRENGTH COMPOSITE BOND –
PEEL THE DIFFERENCE

Hysol® EA 9896™ Wet Peel Ply



Henkel

Hysol® EA 9896™ .025 PSF WPP is a resin-impregnated nylon peel ply adhesive used for the surface preparation of composite substrates and designed to eliminate sanding and grit blasting processes.

**For more information, including
technical white papers,
visit www.hysolpeelply.com.**

Please visit us on the web to learn more about:
Henkel Aerospace Products:
www.henkelna.com/aerospace
Henkel Composite Assembly:
www.henkelcompositeassembly.com



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FEATURES AND BENEFITS

- Provides a consistent bonding surface
- Strips cleanly from bonding surface
- Eliminates sanding or grit blasting of composites
- Mechanical performance equivalent to carefully sanded surfaces
- Reduced cost of use
- Increased process efficiency
- Cleaner bonding surface
- Low curing temperature

STRUCTURAL AEROSPACE APPLICATIONS

- Secondary bond
- Interior paint applications

HYSOL® EA 9896™ WET PEEL PLY PRODUCT DETAILS

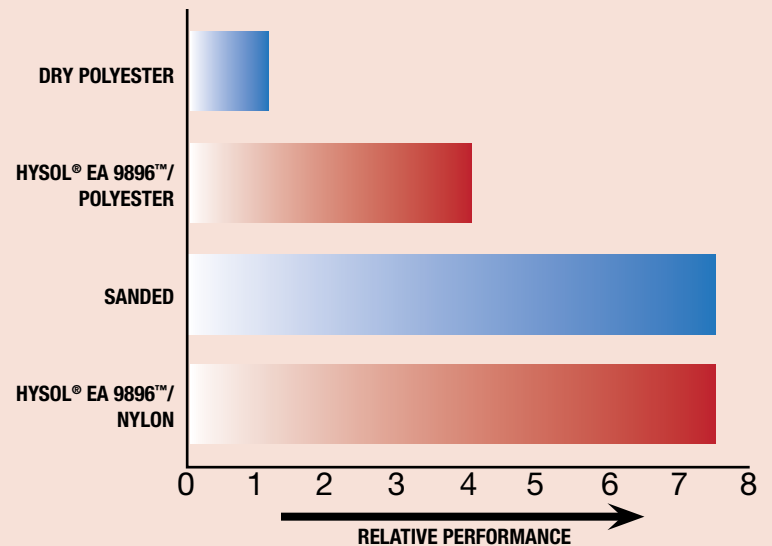
Product Form	One-part film
Color	Neutral/off white
Areal Weight	122 g/m ² (0.025 PSF)
Support Carrier	Nylon peel ply
Roll Dimensions	Nominal 1 m wide by 50.9 m long (3 ft. wide by 167 lineal ft.)
Resin Content	45% nominal
Cure Time	90 to 120 minutes at 250°F/121°C

BOND STRENGTH PERFORMANCE

Relative bond strength is indicated below for the various surface preparations methods. Hysol® EA 9896™ prepared surfaces produce equivalent bond strengths to sanding and solvent wiped surfaces without their additional processing steps. The following table shows the performance of a paste adhesive Hysol® EA 9360™ over a composite made from 250°F curing prepreg with Hysol® EA 9896™.

Peel Ply	Hysol® EA 9896™	Sanded
Prepreg	250°F	250°F
Adhesive	EA 9360™	EA 9360™
Prepreg Cure Temp. (°F)	250	250
Adhesive Cure Temp. (°F)	180	180
Lap Shear (psi)	4150	4080
G _{1c} (in-lb/in ²)	11	12
Failure	Laminate	Laminate

BOND COMPARISON



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