

Nothing bonds plastics, composites, metals, and dissimilar substrates like

PLEXUS!



Superior Strength Bonds

Plexus toughened structural adhesives produce exceptionally strong bonds on a wide range of substrates including today's engineered plastics, advanced composites, and exotic metals as well as dissimilar substrates. They chemically cross-link composites at a molecular level, producing bonds so strong that the substrates will delaminate before the bonds fail.

Plexus bonds have excellent flexibility and fatigue, vibration, and impact resistance as well as resistance to moisture, fuels, chemicals, and UV.

Little or No Surface Preparation

Plexus Adhesives require virtually no surface preparation — no primers, sanding, grinding, or chlorinated solvents. Mixed as dispensed, they cure rapidly at room temperature without cumbersome heated clamping fixtures.

Significantly Increase Plant Throughput

By simplifying and streamlining the assembly process, Plexus Adhesives can increase plant throughput by up to 200% while reducing plant VOC emissions.

Revolutionizing Design and Manufacture Worldwide

Plexus Adhesives have revolutionized the design and manufacture of products in a wide range of industries including:

- Marine
- Automotive
- Infrastructure
- Energy
- Transportation
- Architecture
- Construction
- Manufacturing

Advanced Adhesives for Your Assembly Needs

Plexus manufactures adhesives for the simplest to the most demanding applications including:

- Fiberglass Fusion™ adhesives for composites
- Low-shrink adhesives for "green" composites and thin-walled substrates
- Low-odor adhesives
- Marine adhesives (Approved by Lloyd's Register, American Bureau of Shipping, and other international certifying agencies)
- UL certified adhesives for the sign industry
- Metal bonding adhesives
- Long open-time adhesives for larger assemblies and structures

For more information and the industry's best application assistance, call:

PLEXUS®

Structural Adhesives

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