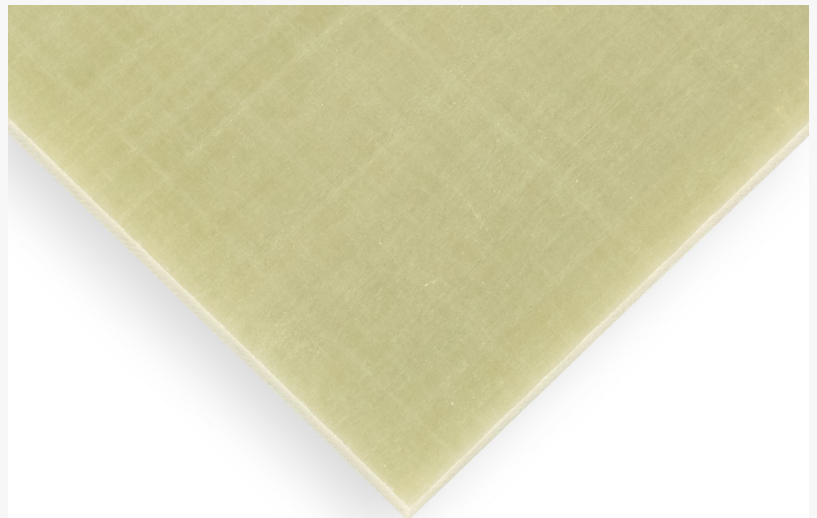


Forest Product Machinery & Equipment Material Solutions for Forest Products Expo 2025

Interstate Advanced Materials showcases material solutions that improve efficiency and safety in wood products manufacturing ahead of Forest Products Expo 2025.

SACRAMENTO, CA, UNITED STATES, July 9, 2025 /EINPresswire.com/ --

Interstate Advanced Materials highlights [material solutions for forest products manufacturing](#) ahead of the Forest Products Machinery & Equipment Expo, taking place August 6–8 in Nashville, Tennessee. As a premier event for the wood products manufacturing community, the event showcases the latest advancements in equipment and components that improve efficiency, safety, and performance in wood processing operations.



NorPLY™ 1002 Glass Epoxy Composite Sheet

UHMW and nylon are widely used in high-wear components such as skid plates, conveyor liners, sprockets, and bushings. UHMW offers superior impact strength, abrasion resistance, and self-lubricating properties, helping prevent material hang-ups and extend equipment life. Nylon delivers excellent mechanical strength and wear resistance in demanding applications like sheaves and rollers. Its low coefficient of friction reduces friction in dry-running environments, minimizing maintenance needs and extending service intervals.

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HDPE and polypropylene are durable, lightweight alternatives to metal for structural panels, covers, and backers in sawmills and wood processing facilities.”

Christopher Isar

Gears, rollers, and precision spacers benefit from acetal's

dimensional stability, low moisture absorption, and excellent machinability. These properties

make it ideal for components that require tight tolerances and consistent performance in repetitive motion applications.

HDPE and polypropylene are durable, lightweight alternatives to metal for structural panels, covers, and backers in sawmills and wood processing facilities. Both materials resist moisture, chemicals, and corrosion. HDPE excels in toughness and outdoor durability, while polypropylene provides superior fatigue resistance and chemical compatibility in more aggressive environments.

For parts requiring dielectric strength, flame resistance, and low conductivity, GPO-3 thermoset polyester laminate is commonly used in electrical boxes, terminal boards, and insulation barriers in forest product facilities. It provides dependable protection for electrical components in high-voltage environments, where safety and insulation are critical.

[NorPLY™ 1002 glass epoxy composite](#) is designed for applications that demand high strength, dimensional stability, and resistance to harsh mechanical stress. It is well-suited for backers, support plates, and load-bearing structural components.

Interstate Advanced Materials looks forward to partnering with forest product professionals ahead of Forest Products Machinery & Equipment Expo to find solutions for current industry challenges. Forest product professionals looking to reduce their material costs can [save 30%+ on UHMW, nylon, acetal, and other materials](#) with an Interstate Advanced Materials membership. To learn more about solutions for forest products machinery and equipment, call a material expert today at 888-768-5759.

Interstate Advanced Materials is a full-line distributor of high-performance sheet, rod, tube, plate, and bar, and proudly serves many diverse industries, including OEM, semiconductor, food processing, POP display, government, agriculture, automotive, and many others. With 10 locations nationwide and an online sales and support team, Interstate Advanced Materials provides full sheets and pallets, cut-to-size service, complex CNC, welding solutions, and full machining capabilities.

Interstate Advanced Materials is known for selling high-quality products, providing excellent customer service, and providing superior technical support. Excellence in all facets of the customer experience has been the cornerstone of Interstate Advanced Materials for over 45 years.

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