

How Can We Help?

- › What challenges are you working to solve?
- › Current supplies too expensive or inadequate?
- › Material not working optimally?
- › Designing a new product but missing a key material layer?
- › Need an alternate supplier?

Contact a Xamax Solutionist™ at info@xamax.com or 888.926.2988

XAMAX
Industries, Inc.

PERFORMANCE • INNOVATION • QUALITY • SERVICE • VALUE

www.xamax.com | 888.926.2988

63 Silvermine Road, Seymour, CT 06483 USA

Xamax's management system has been certified to ISO 9001

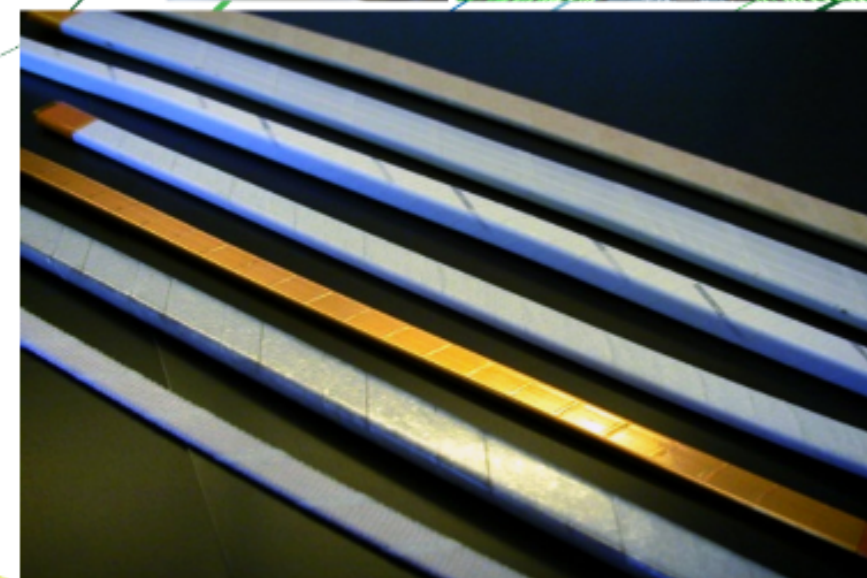
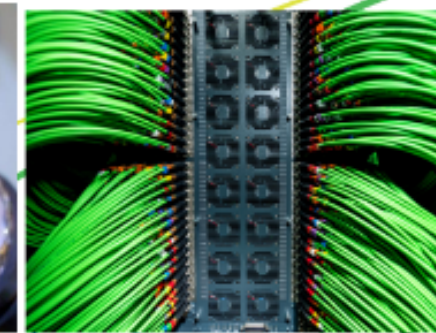
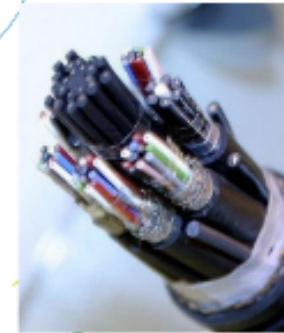
© Xamax Industries, Inc. All rights reserved.

WB0918

XAMAX
Industries, Inc.

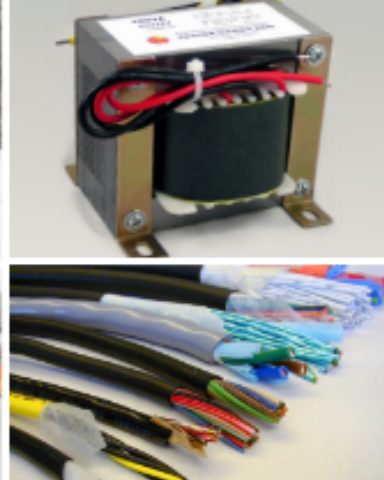
A Leader in Innovative
Material Components for the
Electrical Wire Industry

www.xamax.com | 888.926.2988



PERFORMANCE • INNOVATION • QUALITY • SERVICE • VALUE





An Industry Leader

Xamax Industries is an established leading specialty materials company with expertise in mechanical separators and insulation materials for wire & cable and magnet wire applications. Xamax services companies of all sizes in North America, Europe and Asia. We create solutions that meet our customer's specific needs to address their material challenges. Industries we serve include; aerospace, automotive, industrial power, telecommunications, medical equipment, motor, generators and transformers, to name a few.

Our products deliver quality, value and performance to give you the properties and enhancements you require—like conformability, mechanical strength, and electrical properties.

Our converting services provide custom slitting from narrow (sub 1 inch) width to wide width, plus spooling options as needed, to quickly deliver materials that are ready for use.

Material Breadth

Xamax materials are used in hundreds of different applications in consumer, commercial and industrial markets to deliver mechanical strength and electrical properties that other alternate materials simply can't match.



Technical Papers

- Transformer & motor magnet wire insulation
- Electrical power cable insulation
- Conductor separators
- Dental points
- Metal & precious part interleaves
- Electronic components
- Industrial packaging



Films

- Communication & power cables
- Panel surfaces
- Roofing membranes
- Shrink wrap
- Labels & packaging
- Vapor barriers
- Bonding substrates



Nonwovens

- FRP ladder rails
- Tool handles
- Cooling towers
- Construction & building components
- I-beams
- Lighting/utility poles
- Filtration
- Medical
- Agriculture
- Wire & Cable



Laminates

- Tractor trailer walls & skirts
- RV panels
- Automotive parts
- Modular housing
- Intermodal interiors
- Cargo containers
- Medical devices
- Sporting goods
- Boats
- Building construction



Cotton

- Consumer facial wipes & exfoliating pads
- Interleave materials for oil absorption and surface protection

Unparalleled Expertise

Our Xamax Solutionists™ are experts in the field, with decades of hands on experience. They work with you to recommend and develop products for your needs, giving you a competitive advantage in innovation, performance, and cost.

SOLUTIONS FOR YOUR CHALLENGING MATERIAL NEEDS

Not sure exactly what you need?
Require guidance on new product?
Want to simplify your process?
Need it Fast?

Xamax creates, delivers, and can convert quality materials to fit your exact requirements.

Xamax Products for Electrical Wire Applications

Xamax mechanical separators and insulation materials provide unique properties for the specific use, be it isolating conductors from its outer jacket and providing a mechanical strength member for wire and cables; or providing the necessary electrical insulation and mechanical toughness for magnet wires.

WIRE & CABLE		COMMON APPLICATIONS				
PRODUCT	KEY PROPERTIES & BENEFITS	Spiral Wrap	Linear Wrap	Precision Server/ Separator	Linear Strengthening Member	High Temp Separator
CF-130 Tissue	High tensile strength industrial creped tissue		♦			
Coppercote®	High quality kraft papers types such as; electrical grades, pH neutral, 1 side heat activated, high stretch/high strength, and controlled extensible	♦	♦	♦	♦	
Tuff Kraft	Cost effective, tuff virgin kraft papers for various applications	♦	♦		♦	
Random Braid®	PET, nylon and polypropylene fabric products available in a wide variety of weights and thicknesses	♦	♦	♦	♦	
Serv-Max®	High hemp fiber content, ultra thin paper with excellent tensile strength. Flexible and very conformable; recommended for specialty applications	♦	♦	♦		
CottonEase®	100% cotton fabric products available in a wide variety of weights, thicknesses and surface patterns		♦	♦	♦	♦
Melinex®/Mylar®	Polyester films in clear, semi-opaque & white; Available in a wide range of thicknesses	♦			♦	
Nomex®	High temperature aramid papers with superior thermal, dielectric, and tensile strength	♦				♦

MAGNET WIRE INSULATION WRAP		COMMON APPLICATIONS			
PRODUCT	KEY PROPERTIES & BENEFITS	Oil Filled TX	Dry Type TX	Motors	Coils
Cindus; 22HCF, 32HCF, 42HCF	Super calendered high density crepe papers provides high elongation and excellent tear resistance. Exceptionally strong mechanically; crepe provides conformability around edges with uniform tightness	♦			
Weidmann; 12HCC & 22HCC		♦			
Weidmann full coat B-stage crepe paper	Epoxy resin bonds to wrapped conductors; provides short circuit strength	♦			
Thermally upgraded flat papers	Multilayer construction provides maximum electrical and mechanical strength; prevents the exposure of pin holes	♦			
Non-thermally upgraded flat papers	Can be used as inner conductor wrap when over wrapped with high density crepe papers	♦			
Melinex®/Mylar®	Excellent dielectric strength; ductile and abrasion resistance		♦	♦	♦
Xamax Lean Glass (DaGlas)					
900 (Glass Only)	Polyester fiber/glass fiber combination prevents fraying and superior adhesion; outstanding toughness with improved electrical properties. Protects enamel & copper below; allows binder/varnish to impregnate in-between strands			♦	♦
941 (Glass/PET)			♦	♦	♦
450 (Glass Only)				♦	♦
471 (Glass/PET)			♦	♦	♦
Nomex® 410, 411, 414, 418, E56	Inherent dielectric strength, mechanical toughness, thermal stability, chemical compatibility, and flame resistance; the standard by which all other insulating materials are compared	♦	♦	♦	♦

These are recommended usages; final usages are determined upon end users specifications.

Our Services

Xamax Solutionists™ will work with you to provide an effective solution that adds value within your product parameters. By providing expertise on customized uses of our products, we can fulfill your application needs and create unique product enhancing solutions.

Contact a Xamax Solutionist™ Today

info@xamax.com | 888.926.2988

