

Converting Line Card

Your challenge. Our Solution.



Fast turnaround | Low minimums | Prototype support

ELECTROWIND PRECISION CONVERTING CAPABILITIES

Challenge us to turn your idea or design into reality today!

Custom Slitting, Sheeting & Laminating

Narrow width slitting
Custom widths & lengths
Sheeting, cobbing & laminating
Adhesive/non-adhesive tape slitting
Release liner & custom laminating

Machined Parts

Plastics, glass, metal, ceramic & other rigids
CNC & waterjet precision machining
Sawing, milling & turning
Heat/cold forming & bending

Support, Assembly, Packaging & Finishing Services

Prototyping support from design to production
Custom packaging & labeling
Printing, engraving & silkscreening
Assembly & kitting
Bonding & fastening
Dipping & painting
Dedicated stock & Just-In-Time shipping

Die Cutting & Stamping

Large or small runs
Complex parts
Kiss cutting
Steel rule, compound & rotary dies
Punching, drilling & scoring
Parts forming
Creasing, bending & folding



Electrowind
CONVERTING SOLUTIONS

Custom Converter of Rigid and Flexible
Materials for Industry

Products for Motors & Generators

PRODUCT LINE - Motors & Generators

Primary products we manufacture and supply:

Armature Finger Plates	Phase Insulation/Barriers
Armature Wedges	Pole Collars
Bearing Insulation	Pole Support Blocking
Brush Holder Rings	Pole Turn Insulation
Blocking	Punched Terminal Boards
Coil/Connection Tape	Ripple Springs
Coil Turn Insulation	RTD Insulators
Deflector Insulation	Semi-Conductive Filler Strips
End Winding Spacer Blocks	Sliders (Counter Wedges)
Exciter Insulation	Slot Liners
Filler Strips/Spacers	Stator Wedges
Gas Baffle Segments	Topsticks/Wedges
Lead Clamps	Top, Center & Side Filler
Magnetic Wedges	Winding Supports

*Don't see the part or material you are looking for? Our sourcing specialists can help.

Products for Power, Instrument & Specialty Transformers

PRODUCT LINE - Power, Instrument & Specialty Transformers

Primary products we manufacture and supply:

Axial Duct Spacers	Insulating Angles & Channels
Bus Bar Support-Angles & Channels	Insulating Nuts, Bolts & Tubes
Clamping Plates & Rings	Layer Insulation
Coil Shims, Blocks & Supports	Layer Insulation Tape
Conductor Insulation	Phase Barriers
Core Insulation	Pressure Rings
Core Tubes	Stand Off Insulators
Crossover Pad Insulation	Terminal Boards
Encapsulation Cases & Cups	Winding Combs
Fuse & Terminal Boards	Winding Bobbins
Foil Conductors	Winding Tape

*Don't see the part or material you are looking for? Our sourcing specialists can help.

Products for Electrical & Electronics Equipment

PRODUCT LINE - Electrical & Electronics Equipment

Primary products we manufacture and supply:

Bus Insulation	Isolation Pads & Bases
Capacitor Insulation	Mounting Boards
Clear Sight Windows	Phase Insulation/Barriers
Custom Fabricated Guarding	Power Supply Insulation
Encapsulants & Adhesives	Rigid Insulating Barriers
Enclosure Liners	RFI/EMI Shielding
Fuse Boards	Stand Off Insulators
Gaskets & Seals	Static Control Materials
Heat Dissipation Materials	Terminal Boards
Heat Shields	Test Fixture Components
Insulating Baffles & Mounts	Thermal Air Duct Baffling

*Don't see the part or material you are looking for? Our sourcing specialists can help.

Products for Switchgear, Control & Automation

PRODUCT LINE - Switchgear, Control & Automation

Primary products we manufacture and supply:

Arc Chutes	Insulating Barriers
Bus Bar Support-Angles & Channels	Insulating Nuts, Bolts & Tubes
Bushings, Rollers & Fittings	Interphase Barriers
Bus Insulation	Modular Framing & Separators
Cleats	Phase Supports & Blocking
Capacitor Insulation	Rigid Baffles & Bases
Clearance Barriers & Supports	Sight Windows
Composite Gears & Bearings	Stand Off Insulators
Custom Formed Guarding	Wear Plates & Guides
Flexible Flame Retardant Barriers	

*Don't see the part or material you are looking for? Our sourcing specialists can help.

Products for Motors & Generators

Electrowind specializes in supplying and converting rigid and flexible insulating materials and components that are designed for use in electric motor and generator manufacturing, maintenance and repair.

We offer an extensive inventory of rigid and flexible insulating products that can be converted to fit your application. Fast turnaround on components allows you to react quickly to breakdowns and keep your production running smoothly.

Electrowind is also a leading supplier of magnet wire and electrical insulating materials.

Common materials we convert for your industry: Flexible insulations including NOMEX®, MYLAR®, KAPTON®, CeQUIN®, DMD, NMN, NM, TFT, NKN and Mica. Adhesive tapes from 3M, Intertape, Nitto Denko, DeWAL and Saint Gobain. High-pressure laminates/phenolics including glass polyester GPO 1-3, glass epoxy G-10/G-11/FR-4/EMD, hi-temp polyester SG-200/HT-1030, L, LE, C, CE, X, XX and XXX.

Products for Power, Instrument & Specialty Transformers

Electrowind supplies and converts a broad spectrum of magnet wire, insulating materials and components for dry, liquid and power transformer manufacturing that can be supplied as a single component or assembled as a complete kit depending on your requirement.

We have decades of experience as a provider of materials for transformer manufacturing and repair. Send us your drawing or sample and our experts will duplicate your component design using our advanced capabilities including narrow width slitting, waterjet and CNC machining, complex die stamping and more.

Common materials we convert for your industry: Flexible insulations including NOMEX®, MYLAR®, KAPTON®, Kraft paper, b-stage products, CeQUIN® and FORMEX® polypropylene. Insulation board materials including transformer board, densified laminated wood and pressboard. High-pressure laminates/phenolics including glass polyester GPO 1-3, glass silicone G-7, glass epoxy G-10/G-11/FR-4, hi-temp polyester SG-200/HT-1030, L, LE, C, CE, X, XX, XXX and ARBORON®.

Products for Electrical & Electronics Equipment

For the ever-changing demands of electronics and electrical equipment applications, Electrowind stocks fine/standard magnet wire sizes and flexible or rigid insulating materials to meet your demanding specifications including: dielectric strength, thermal management properties, temperature resistance, conductivity, shielding properties and durability.

Electrical and electronics adhesive tape slitting, RFI/EMI shielding material die stamping, gasketing, barrier and board machining and electrical insulation sheeting/laminating are some of the advanced capabilities we offer your industry.

Common materials we convert for your industry: Adhesive tapes from 3M, Intertape, Nitto Denko, DeWAL and Saint-Gobain. Flexible insulations including NOMEX®, MYLAR®, KAPTON®, Mica and vulcanized fibre. Rigid laminates and specialty rigids including LEXAN® polycarbonate, PVC, acrylic, ARBORON®, flame retardant polypropylene, hi-temp polyester SG-200/HT-1030, glass epoxy G-10/FR-4 and CEM-1.

Products for Switchgear, Control & Automation

Electrowind offers the capabilities required to manufacture custom components for switchgear, control and automation manufacturers. Our components are manufactured or molded to industry standards and are supplied as a single component or assembled as a complete kit depending on your requirement. Whether you supply us with a drawing or a part to recreate; we can turn your design into reality, fast!

Common materials we convert for your industry: Flexible insulations including NOMEX®, MYLAR®, KAPTON® and CeQUIN®. Adhesive tapes from 3M, Intertape and Nitto Denko. High-pressure laminates/phenolics including glass polyester GPO 1-3, glass silicone G-7, glass epoxy G-10/G-11/FR-4, hi-temp polyester SG-200/HT-1030, L, LE, C, CE, X, XX, XXX and ARBORON®. Plastics including DELRIN®, ULTEM®, UHMW, nylon, LEXAN® polycarbonate and acrylic.

PRODUCT LINE - Aerospace, Military & Medical

Primary products we manufacture and supply:

Aircraft Interior Components	Instrumentation Composites
Avionic Insulation Systems	MRI/CT Scanner Insulation
Ballistic Protection	Power Supply Insulation
Bonding & Sealing Adhesives	Protective Barrier Adhesives
Braking System Components	Static Management
Displays & Signage	Structural Components
Electrical Insulation	Thermal Interface Materials
EMI/RFI Shielding	Thermal Management
Gaskets & Seals	Turbine Engine Components
Guarding & Windows	

*Don't see the part or material you are looking for? Our sourcing specialists can help.

Products for Aerospace, Military & Medical

Aerospace, military and medical applications demand materials and components that are high-performance, meet strict specs, tight tolerances and offer long-lasting durability.

Electrowind converts high-quality advanced rigid and flexible materials from leading manufacturers including DuPont, 3M, Isovolta and Von Roll that allow you to stay ahead of the technology curve in your demanding industry.

Common materials we convert for your industry: Adhesive tapes from 3M, Intertape, Nitto Denko, Ideal and Saint-Gobain. Flexible insulations including NOMEX®, MYLAR®, KAPTON®, TEDLAR®, TEIJIN®, Mica and silicone rubber. Rigid laminates/phenolics including semi-conductive sheets, glass polyester GPO 1-3, glass silicone G-7, glass epoxy G-10/G-11/FR-4, hi-temp polyester SG-200/HT-1030, L, LE, C, CE, X, XX, XXX and ARBORON®. Plastics including DELRIN®, ULTEM®, UHMW, PVC, acetal, nylon, TEFLON®, LEXAN® polycarbonate and acrylic. Ballistic materials including KEVLAR®.



PRODUCT LINE - Transportation/Automotive

Primary products we manufacture and supply:

Bonding & Joining Liquids	Rail & Track Components
Clutch & Braking Components	Railroad/Subway Supports
Displays & Signage	Power Supply Insulation
Electric Motor Components	Sealing Adhesives/Epoxies
EMI/RFI Shielding	Sound Control
Film Capacitors	Structural Components
Gaskets & Seals	Traction Motor Insulation
Guarding & Windows	Thermal Management
Interior Components	Vibration Control

*Don't see the part or material you are looking for? Our sourcing specialists can help.

Products for Transportation/Automotive

Electrowind serves the transportation industry offering solutions that improve reliability while reducing component cost and weight. Our advanced rigid and flexible materials can be delivered accurately and quickly to keep your production moving efficiently.

From adhesive and insulating materials for transit and vehicle interiors, to magnet wire and insulation for engine components, to rigid components and supports for rail infrastructure; we offer a variety of solutions for your industry.

Common materials we convert for your industry: Adhesive tapes from 3M, Intertape, Nitto Denko, Ideal and DeWAL. Flexible insulations including FORMEX® polypropylene, NOMEX®, MYLAR®, KAPTON® and TEDLAR®. Rigid laminates/phenolics including semi-conductive sheets, glass polyester GPO 1-3, glass silicone G-7, glass epoxy G-10/G-11/FR-4, L, LE, C, CE, X, XX and XXX. Plastics including DELRIN®, ULTEM®, UHMW, PVC, LEXAN® polycarbonate and fiberglass reinforced plastic.



PRODUCT LINE - Renewable Energy

Primary products we manufacture and supply:

Bonding & Joining Liquids	Finishing Tapes
Bus Bar Insulation Tape	Guarding & Windows
Components for Wind Turbines	Power Supply Insulation
Components for Photovoltaics	Protective Tapes & Films
Conductive Materials	Sealing Adhesives/Epoxies
Conductor Insulation	Solar Films
Electrical Insulation	Structural Components
EMI/RFI Shielding	Transfer Films
Encapsulants	Thermal Management

*Don't see the part or material you are looking for? Our sourcing specialists can help.

Products for Renewable Energy

Innovative and specialty materials are available from a number of our manufacturers including Von Roll, 3M, Saint-Gobain, DuPont and Isovolta. These materials are designed specifically to protect, insulate, adhere and support in various wind, solar, hydro and other renewable energy applications.

Our quality products are designed to provide sustainable power for a lifetime.

Common materials we convert for your industry: Adhesive tapes from 3M, Intertape and Saint-Gobain. Flexible insulations including FORMEX® polypropylene, Mica, silicone rubber, MYLAR®, TEIJIN®, KAPTON®, TEDLAR® and TEFLON®. Rigid laminates including glass polyester GPO 1-3, glass melamine G-5/G-9 and glass silicone G-7. Plastics including DELRIN®, ULTEM®, UHMW, PVC and LEXAN® polycarbonate. Glass and specialty metals.



PRODUCT LINE - Industrial, Thermal, Mining & Infrastructure

Primary products we manufacture and supply:

Architectural Materials	Guarding & Windows
Ballistic Protection	Insulating Bolt Covers
Bus Insulation	Mast Insulation
Chain Guides & Tracks	Material Handling
Conductive Materials	Platen & Mold Insulation
Displays & Signage	Power Supply Insulation
Electrical Insulation	Protective Barriers
Electrode Arm Insulation	Plunger Insulators
Electrode Clamp Insulation	Roof Lift Insulation
Fume Hood Insulation	Specialty Components
Furnace Insulation	Structural Components
Gaskets & Seals	Thermal Insulation
Gears, Bearings & Sprockets	Wear Plates

*Don't see the part or material you are looking for? Our sourcing specialists can help.

Products for Industrial, Thermal, Mining & Infrastructure

For general industrial applications and harsh or demanding environments, Electrowind offers a wide variety of products suited to your application.

Our rigid and flexible materials are designed to meet demanding specifications including high-temperature, high-dielectric, high-strength, corrosion-resistance and flame-retardancy. Combined with our extensive converting capabilities; challenge us to produce your component and let us find the best solution to meet your specific requirements.

Common materials we convert for various industry: Flexible insulations including NOMEX®, MYLAR®, TEIJIN®, KAPTON®, COPACO®, TUFQUIN®, TEDLAR®, KEVLAR®, Mica, FORMEX® polypropylene and silicone rubber. High-performance tapes from 3M, Ideal, Intertape, Saint-Gobain and Nitto Denko. High-pressure laminates/phenolics including glass polyester GPO 1-3, glass silicone G-7, glass epoxy G-10/G-11/FR-4, hi-temp polyester SG-200/HT-1030, L, LE, C, CE, X, XX, XXX and ARBORON®. Plastics including DELRIN®, ULTEM®, UHMW, nylon, LEXAN® polycarbonate and acrylic. Glass and specialty metals. Other unique materials including products infused with ceramic, glass and KEVLAR®.



Products for Aerospace,
Military & Medical

Products for
Transportation/Automotive

Products for Renewable Energy

Products for Industrial,
Thermal, Mining &
Infrastructure



Electrowind

Products for Motor, Transformer,
Electrical and Electronics Manufacturing



Thousands of products in-stock and ready to ship to your door!

Magnet Wire	Flexible Insulations	Rigid Laminates	Adhesive Tapes	Non-Adhesive Tapes & Cords		
B-Stage Products	Specialty Tape	Sleeving	Tubing	Heat Shrink	Varnish & Resin	Wedges
Specialty Coatings	Sealants	Adhesives & Lubricants	Mica Products	Metal Foil/Strips		
Production & Test Equipment	Parts & Tools	Shielded Cable	Separator & Cuffed Coils			

Electrowind is your one-stop supplier for all of your wire, insulation and converting needs.

Since 1983, we have served industry with the highest level of service and technical expertise, offering our customers value-added services that are unparalleled in the market.

Electrowind is a full stocking distributor offering the largest inventory of wire and insulations in Canada, and serving customers across the globe. Full in-house converting/fabrication capabilities are available through Electrowind Converting Solutions.

Choose Electrowind for our high-quality and vast product offering, unparalleled service, technical expertise and converting capabilities, and challenge us to live up to our reputation.

- Full stocking distributor offering Just-In-Time delivery service.
- Industry leading customer service and support.
- Cost-effective product and converting solutions.
- Sourcing and inventory management services.
- Free varnish evaluation and maintenance programs.
- Dedicated sales team managing your account.
- Emergency service available after hours and weekends.



Electrowind

CONVERTING SOLUTIONS

Worldwide

Electrowind (Head Office)

Tel: 519.836.2280

Fax: 519.836.6629

Toll Free: 800.265.8340

ontario@electro-wind.com

www.electro-wind.com

Quebec

Electrowind (Branch Office)

Tel: 514.631.2320

Fax: 514.631.0978

Toll Free: 800.361.6448

quebec@electro-wind.com

www.electro-wind.ca