

## CONVERTED PRODUCTS

Essex Active offers a wide range of converting services.

### REWIND SLITTING >

- Standard rolls from .093" to 80"
- Standard material thicknesses from .0005" to .250"
- Slitting tolerance capabilities to  $\pm .005$ " standard tolerances of  $\pm .015$ "

### SHEETING >

- Standard widths through 48", custom sheets up to 80"
- Programmable sheet layouts to virtually any dimension
- Custom sheet marking, striping and packaging

### LAMINATING >

- Pressure sensitive adhesives
- Custom material laminating
- Zone and strip laminating
- Special coating and material treatment
- Release liner application

### BLANKING >

- Rigid and flexible materials from .062" to 90"
- Papercutting
- Shearing
- Drilling
- Chopping
- Sawing
- Machining

## TAPE SLITTING

- Pressure sensitive adhesive backed tapes
- Standard rolls from 1/8" to 48"
- Slitting tolerances from  $\pm .015$ " to  $\pm .032$ "
- 24 hour turnaround services available

## ROLLED FORMED PRODUCTS

Essex Active fabricates a complete line of motor slot insulation ranging from slot liners to wedges for service center and OEM applications.

### SLOT INSULATION >

- Slot liners
- Cuffed, taped edges
- Slot armor
- Creased, formed

## WEDGES, MID STICKS, TOPSTICKS

Wedges: Active is dedicated to a leadership position in formed wedge production, offering a complete range of materials, shapes and sizes.

### WEDGE MATERIAL >

- Nomex®
- Fishpaper
- Commercial vulcanized fiber
- Mylar
- Kraft paper
- Rag paper
- Fiber materials
- Kapton

### FILMS >

- DuPont Teijin® Mylar & Melinex®
- DuPont Kapton®

### COMPOSITE LAMINATES >

- RM, RMR
- DMD, NMN, NKN
- TFT
- ThermaVolt®

### DUPONT NOMEX® ARAMID >

- Fiber papers
- Pressboard

[www.superioressex.com](http://www.superioressex.com)



Values | Vision | Versatility

- DIE CUTTING
- STAMPING
- FORMING
- PRINTING
- REWIND SLITTING
- SHEETING
- LAMINATING
- BLANKING
- TAPE SLITTING
- SLOT INSULATION
- WEDGES

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Three Locations

Essex Active is a leading converter/fabricator of electronic parts and electrical insulating materials in North America, which includes both flexible and rigid nonmetallic products. Essex Active also fabricates and converts some third-party electrical and industrial insulating materials. We support and supply insulation to both OEM's and rebuilders of power generation equipment.

### Essex Active's capabilities include:

- › Precision slitting and cut to size parts
- › Die Cut and punched parts of all types
- › Machined parts
- › Gaskets
- › Printed Parts
- › Hot and cold formed three dimensional parts
- › Assemblies
- › Custom Laminations
- › Custom kitting

### Products supplied include:

Flexible Insulations

Rigid/Formed Insulations

Pressure Sensitive Tapes

Essex Active offers many inventory management programs each tailored to meet a customer's unique needs. We use a "common sense" approach to develop the most efficient program for the customer and Active. Min/Max levels based on actual usage and forecasts are employed to insure a continuous flow of product in the customer's plant.

In today's competitive marketplace, quality is expected. Essex Active has held ISO registration since 1994. In addition, Active is a GEPS Six Sigma Certified Supplier with fully trained black belts on our staff.

**Our people are our greatest asset.** With over 100 years of combined experience with fabrication and electrical insulating materials, our exceptional staff is ready to exceed our customer's needs.

Essex Active markets products and services worldwide

to original equipment manufacturers, motor, transformers and generator repair, and other service industries.

### Servicing:

- › Motor
- › Transformer
- › Appliance
- › Generator
- › Power Distribution
- › Switchgear
- › Capacitor
- › Computer
- › Pump
- › Compressor
- › Automotive
- › Large Rotating Equipment
- › Electrical and Electronic Equipment

*Essex Active provides a complete range of custom steel rule die cutting and stamping.*

Active can supply individual parts, or an entire insulation package in kit form for all electrical and electronic applications. We offer quick turnaround for emergency situations. With our 24 hour express service we can provide the necessary rush services for your emergency insulation requirements.



### DIE CUTTING >

- Inexpensive tooling
- Alternative to male-female dies
- Offers methods of cutting, creasing, perforating and scoring
- Fast, affordable prototyping and new product testing
- Working with materials typically from .001" to .250" in thickness
- Cutting tolerances down to  $\pm .005$ " with  $\pm .015$ " standard

### STAMPING >

- High volume production runs
- Accuracy down to  $\pm .005$ "
- Complex shapes – rigid materials
- In-house tool and die facilities to build, service and maintain customer tooling

### FORMING >

- Stamping 3-dimensional parts
- Hot forming/cold forming
- Pressed and extruded parts

### PRINTING >

- Warning labels, printed messages, embossed part numbers on high temp materials.

