Wabtec CORPORATION

Custom Engineered Elastomeric Solutions

www.wabtecelastomers.com

Wabtec Rubber Products | Durox Company | Longwood Elastomers | Metalocaucho (MTC)

Wabtec ELASTOMERS GROUP

Custom Engineered Elastomeric Solutions

Comprised of Wabtec Rubber Products, Durox Company, Longwood Elastomers, and Metalocaucho (MTC); Wabtec Elastomers specializes in manufacturing custom elastomeric components used for critical applications in rail, industrial, oil and gas and other key markets. The group supplies unique, cost-efficient rubber, fabric-reinforced, metal bonded, molded phenolic and thermoset solutions through diverse manufacturing processes, capabilities and value-added services. Its strategically located manufacturing facilities provide access to customers around the globe. Wabtec Elastomers plays an active role from initial product design, through prototyping, quality testing to parts production and end-of-program cycle management.

Key Markets & Applications

A sample of key markets and applications served is listed below. Don't see your market or application? Wabtec Elastomers takes pride in developing quality, custom solutions to solve your toughest challenges.

Oil & Gas

- BOP Components
- Cementing Plugs
- Closing Plugs
- Dart Wipers
- Frac Components
- Packing Elements
- Pulsation Dampeners
- Sealing Elements
- Shock Cells
- Stripper Rubbers
- Swell Packers

Industrial

- Appliance Seals
- Bladders & Curing Bags
- Gasket Materials
- Marine Fenders
- Plumbing Seals
- Pump Diaphragms
- Power Transmission
- Shock Mounts
- Snowplow Blades
- Sweeper Belts
- Valve Components

Railway

- Air Brake Valve Kits
- Packing Cups
- Diesel Engine Gaskets
- GE & EMD Loco Parts
- Pipe Coupling Gaskets
- Traction Motor Covers
- Transit Suspension
- Chevrons
- Conical Springs
- Complete Subsystems
- Track Pads

Transportation

- Air Brake Diaphragms
- Air Cleaner Seals
- CV Boots
- Cylindrical Mounts
- Exhaust Isolators
- Fuel Delivery
- Precision Seals
- Ride Control
- Shifter Boots
- Shifter Pegs
- Stabilizer Bushings

Quality

Guided by the *Wabtec Performance System*, Wabtec Elastomers is committed to meeting customer and regulatory requirements for quality, value and delivery through continous review and improvements in its Quality Management Systems, Processes and Supplier Development.

Quality Certifications:

- ISO 9001:2015
- ISO 14001:2004
- AAR M-1003
- IRIS
- NSF, FDA & UL Certified Compounds

Processes & Capabilities

With its diverse set of manufacturing processes and capabilities, Wabtec Elastomers is able to formulate, engineer and process most any type of rubber to meet specific and demanding application requirements in a variety of sizes and geometries. Production capabilities range from hundreds of millions of miniature parts (much smaller than a pencil eraser) molded annually, to single, custom-engineered shock cells requiring 1,200 pounds of rubber each.

Molding

- Compression, injection and transfer molding
- Rubber, bonded rubber / overmolding, phenolic and thermoset materials; standard and custom formulations
- Small to large part sizes; low to high volume production capabilities

Extrusion

- Standard and custom profiles in a variety of sizes and materials
- Autoclave, continuous salt and microwave curing; custom finishing services
- Applications include marine fender, snow plow, window and door seals, gaskets, tubing and much more...

Mandrel Building

- Supported and unsupported elements from 1” to 30’ long in a range of diameters
- Autoclave curing (30” high x 52’ long or 78” high x 53.5’ long)
- All rubber, fabric-reinforced rubber and metal-reinforced rubber

Elastomer Bonding & Overmolding

- Rubber-to-fabric, rubber-to-metal and rubber-to-phenolic / thermoset
- Specially formulated adhesive systems strong enough to provide consistent bonds that withstand flexing and chemical attack found in harsh environments

Calendering

- Uncured coated fabrics and sheet stock
- Custom compounding, configurations in a range of elastomers and fabrics (some U/L listed)
- Excellent for use in molded applications as well as gasket and die cutting material

Die Cutting

- Clicker, traveling head, fixed head and receding head presses
- Materials include Swellex™ (controlled swell gasket material), coated fabrics, compressed sheet, various elastomer compounds, cork, foam, felt, plastic, graphite composites and more...

Orcomatic Molding

- Proprietary molding process; cost-effective solution for continuous, high-volume production of small components with single or multi-cavity setups

Value Added Services

- In-house rubber development, testing and compounding
- Reverse product engineering, dynamic testing and analysis
- Design for Manufacturing Analysis (DFM), Manufacturing Process Analysis (MPA)
- Rapid prototyping to accelerate the product development process
- On time delivery with Kanban, JIT and Vendor Managed Inventory programs
- Custom packaging, custom finishing services and kit assembly
- Close relationships with compounders keep the group at the forefront of elastomer and thermoset technology including the latest materials for high pressure and high temperature applications

Locations

Wabtec Rubber Products
Plant Location
269 Donohoe Road
Greensburg, PA 15601
724.838.1317 phone
724.832.5630 fax
www.wabtecrubber.com
ISO 9001:2015, AAR M-1003

Longwood Elastomers, Inc.
Plant Location (W1)
655 Fairview Road
Wytheville, VA 24382
276.228.5406 phone
540.266.3556 fax
www.longwoodindustries.com
ISO 9001:2015, AAR M-1003

Longwood Elastomers, S.A.
European Sales Office
Dachauer Strasse 342
80993 München, Germany
+49 (89) 14 38 36 26 phone
+49 (89) 14 38 36 22 fax
www.longwoodindustries.com

Longwood Elastomers, Inc.
Plant Location (W2)
365 George James Drive
Wytheville, VA 24382
276.228.2563 phone
540.266.3556 fax
www.longwoodindustries.com
ISO 9001:2015

MTC Spain
HQ & Engineering
Poligono Erratzu, 253 20130
Urnieta
Gipuzkoa, Spain
+34 943 333 755 phone
www.metalocaucho.com ISO 9001, ISO 14001, IRIS

Longwood Elastomers, Inc.
Plant Location
1901 Longwood Drive
Brenham, TX 77833-5208
979.830.1111 phone
979.830.0999 fax
www.longwoodindustries.com
ISO 9001:2015

Longwood Elastomers, S.A.
Plant Location
Poligono Industrial Las Casas
Calle E, Parcela 36
42005 - Soria, Spain
+34 975.224.561 phone
+34 975.226.224 fax
www.longwoodindustries.com
ISO 14001:2004, TS 16949:2009

MTC India (Polymer Products)
Plant Location
No. 184, 3rd Phase Bommasandra
Industrial Area, Bangalore
560 099 Karnataka, India
+91 8027836615 phone
www.metalocaucho.com

MTC China
Plant Location
Zhongfeng Street SND, No 22
215129 Suzhou, China
+86 512 68786056 phone
www.metalocaucho.com

DUROX COMPANY · LONGWOOD · Wabtec RUBBER PRODUCTS · mtc · sielex MADE IN NORTH AMERICA

Wabtec ELASTOMERS GROUP

www.wabtecelastomers.com