

A Review of the Mantaline Corporation



Our Company

- **100% Employee Owned**
- 55 Years Old
- +200 Associates
- US\$40.0 mm (approx. rev.)
- IATF16949 at all locations
- ISO14001 at USA locations
- IATF with design in Ohio
- Rubber Extrusion
- Thermoplastic Extrusion
- Rubber Compression Molding
- Plastic Injection Molding
- Rubber Injection Molding
- Various Specialty Processes
- Mantua, OH
- Hiram, OH
- San Antonio, TX
- Monterrey, NL

Alliances



India



Turkey



China



Italy



Detroit

Non-Automotive Customers:

- **Tier #1**
- **40% of Revenue**
- **50 /50 Industrial and Heavy Truck**





Automotive Customers:

- **Tier #2**
- **60% of Revenue**



Recent Awards



Applications Engineering:

Delivering well engineered parts in trying circumstances

Low Total Cost:

Defeating product and logistical costs

Accurate Deliveries:

The right parts in the right quantities on the right day at the right level of quality

Total Overall Service:

Being the best: cost, quality, delivery, and logistics

Mantua, OH USA (75% loaded)

- 2 Microwave Cure Lines
 - Both Wire Carrier
 - Dual Durometer Capable
- 2 Microwave Cure Lines
- 3 Salt Cure Lines
- 1 Silicone/Salt Cure Line w/ Wire Carrier
- All Ohio Shipping and Receiving
- Rubber Injection and Vamp Splicing
- Secondary Operations
- Manufacturing: 4,500 sq. meters
- Warehousing: 3,600 sq. meters

Monterrey, NL Mexico (75% loaded)

- Secondary Operations
- Rubber Compression Molding (2 x presses)
- Plastic Injection Molding (2 x presses)
- Rubber Injection Molding (4 x presses)
- Thin Film PE Splice Molding
- PLC/ Robotic Off-Line Coating System
- PLC/Robotic Adhesive Inoculation System
- Secondary Operations
- Processing: 1000 sq. meters
- Warehousing: 500 sq. meters

Hiram, OH (70% loaded)

- 2 Tri-Extrusion TPE Lines
- Rubber Injection Molding
- Plastic Injection Molding
- Rubber Compression Molding
- PE Thin Film Splice Molding
- Drill and Pin Technology
- Secondary Operations
- Processing: 1700 sq. meters
- Warehousing: 1000 sq. meters

San Antonio, TX (50% loaded)

- 2 Salt Cure Lines
- 1 Tri-Extrusion Microwave Cure Line
- 1 Bi-Extrusion TPE Line (*July 2019*)
- Processing: 2000 sq. meters
- Warehousing: 500 sq. meters

***Customer Service: Being in the
Right Place at the Right Time
with the Right Capabilities!***

Mantaline's footprint reflects the needs of our NAFTA-based customers!

Mantaline Takes Quality Registrations Seriously



ISO 14001 in Ohio



IATF in Ohio and Texas with Design



IATF in Santa Catarina, NL



"SP provides a forum for global automotive manufacturers, their large and small suppliers, the US EPA and other government entities from around the world to work together to improve the environmental sustainability and business value of the global automotive supply chain."



Working Hand-in-Hand with Top Executives within the Industry

Door Seals & Door Window Systems



Glass Run Channels



Rear Window Seals



Door Seals



Beltline Seals



Primary Door Seals



Secondary Door Seals

Other Important Seals:



Dynamic Window Seals



Cowl Seals



Silicone Engine Seals



Compartment Seals



Fuel Tank
Isolators



Key Industrial Customers



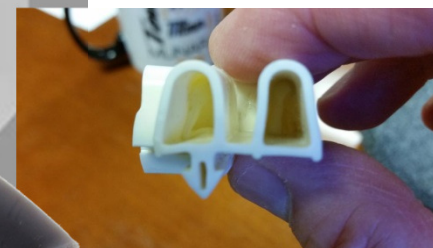
Food Freezer Door Seals

HUSSMANN®

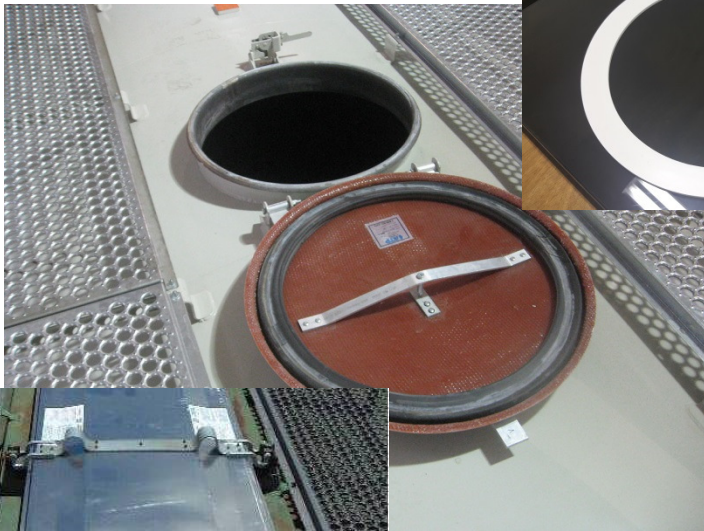
EXCELCUTS®



ThermoFisher
SCIENTIFIC



Sub-Zero Medical Freezer Door Seals



Tank Car Hatch Seals



Railway Boxcar Door Seals



Key Industrial Customers



Diesel Engine
Compartment
Door Seal



mabe

Silicone
Clothes
Dryer
Door Seal



Important Automotive Applications



windsor mold group

Cowl Tray Seals



Dynamic Window Seals



External Compartment Seals



Internal Compartment Seals



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DENSO

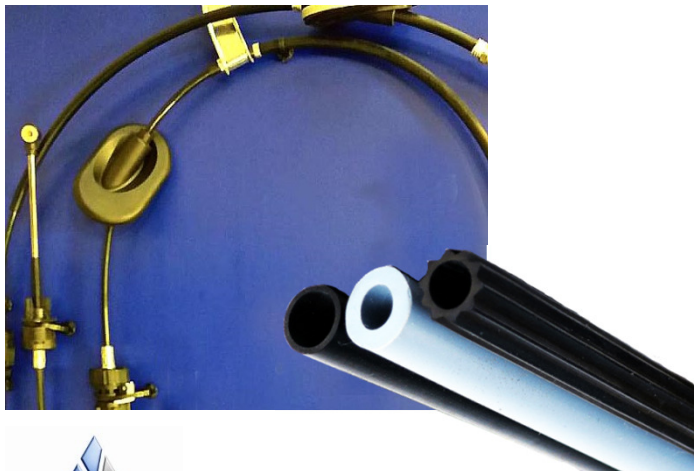


Tubing

Hood Closeout Seals



Automotive Cable Sleeves and Grommets



HI-LEX

Hitachi Cable America Inc.

Molded Spoiler Seals



Sunroof Seal Applications



Main Seal



Sliding Glass Seal



Trim Seal



Secondary
Seals



Front Air
Dam



Static Glass
Seal



New Thermoplastic Applications



Power Hatch Pinch Sensors



Seat Track Covers



*Customer Name
Confidential*



AISIN

vuteq



Windshield Trim Seals



Window
Lace



A Profitable, Innovative Employee Owned Company

Decision Criteria:

- Capable advanced engineering
- Flexible processes; comprehensive capabilities
- Capable applications engineers
- Ability to invest in customer requirements
- Breadth of materials
- Geographic presence: NAFTA, Asia, Europe
- Comprehensive NAFTA presence: Ohio, Texas, Mexico
- Quality, Cost and Delivery
- Staying power; sustainability
- Goodness of fit: market experience; service

Manteline: we invite you to test our capabilities!

Thank You!

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