

# Introducing ALT Technologies

Cutting-Edge Solutions

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# ALT Technologies

## Cutting-edge Solutions

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We provide innovative, tailor made  
die-cut, self-adhesive  
and RFID enabled products.

# About ALT Technologies

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Each product is unique since it is especially designed for each application with a focus on **quality, durability** and **cost efficiency**.

With extensive material and adhesive knowledge, we create customer driven solutions.

# ALT Technologies History

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An Avery Dennison company  
became independent,  
founding ALT

ALT Opened Facility  
in Jiading (Shanghai), China

ALT Opened Facility in  
Chihuahua, Mexico



ALT Opened Facility  
in Lupeni, Romania

ALT Opened Office in  
the USA entering the  
American market

# Global Presence

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We are geographically close to our customers on strategic locations



# Main Customers

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# Premium Solutions

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ALT Technologies works with best-in-class capabilities and production processes

# Best-in-class Capabilities

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- Die cutting
- Printing
- Stitching
- Ultrasonic welding
- Adhesive Application
- Laminating





@Thijs, for non-automotive,  
can we keep this image?



## Effective Production System

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- LEAN
- CONWIP – Continuous Work in Progress production system
- OEE – Overall Equipment Efficiency monitoring and management
- 6S Housekeeping
- Kanban System



# Main Markets

Primarily focusing on the Automotive,  
Electronics, Durable Goods industry



# Product Portfolio

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Airbag covers, curtain airbag wraps,  
inflator seals, functional parts,  
protective components, RFID and  
labels, thermotransfer ribbons,  
and more



Rotary knob for Oven, Dishwasher or Washing machine.  
After print on backside material, Lexan is laminated  
with a transfertape with transparent acrylic adhesive.



## Functional Parts

### Automotive, Durable Goods, Electronics

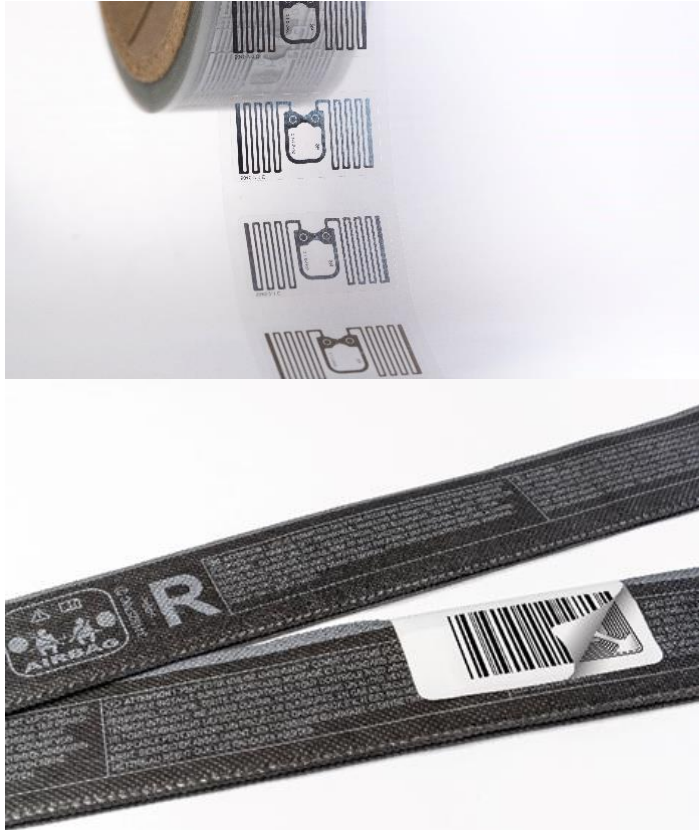
- This functional part is used in household ovens
- Functional parts are produced from a variety of materials, with or without adhesive
- Light defusing coating can be applied by ALT
- Easy assembly due to delivery with clear adhesive



## Labels

- Various applications to fulfil stringent conditions
- Labels are produced with different materials
- Compliance to OEM label specifications
- TTR inprintable





## RFID Labels

- Traceability labels for item tagging
- IC's with different storage capabilities (memory size)
- Various applications to fulfil stringent conditions
- Labels are produced with different materials
- Compliance to OEM label and OEM RFID specifications
- Global frequencies
- TTR





## Thermo Transfer Ribbons

Automotive, Durable Goods, Electronics

- For TTR inprintable labels
- For use on all brands of thermal transfer printers
- Scratch, smudge resistant
- UL/CSA certificated

# Felts



## Felt for airbag covers

- Needle felts are non woven materials based on polyester or propylene
- The fibers are mechanically strengthened by a special needling technology.
- Needle felts can be developed in varying weights and thicknesses
- Flame Retardant fibers are added to improve flammability performance
- A special melting fiber called BICO is added to be able to mold the needle felt into 3D shapes. This results in a smooth or fibrous surface.

# Shielding



## Shielding

Shielding for heat, electromagnetic interference (EMI) or high voltage (isulation).

ALT is working on:

- Gaskets
- Thermo resistance glass fiber material
- EMI shielding
- Isolator foils

# Advantages of Working with ALT

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The ALT team works intrinsically with the automotive industry  
to provide OEM-customized solutions



The highest standards in  
safety-critical components  
manufacturing



Long-term converting and  
material experience



High quality,  
high volume and  
on time delivery



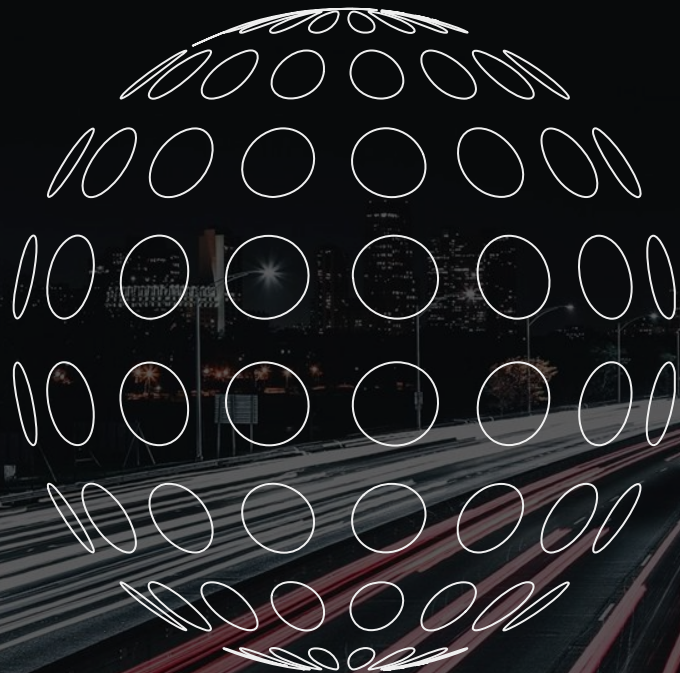
Innovative R&D



Cost effective  
and hassle-free  
solutions



Customer-specific  
engineering



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