

Zouch Converters. UK

**ZOUCH**

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# Zouch Converters. UK

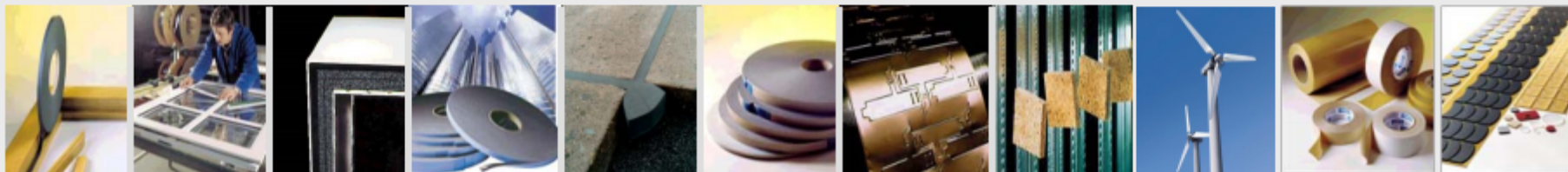
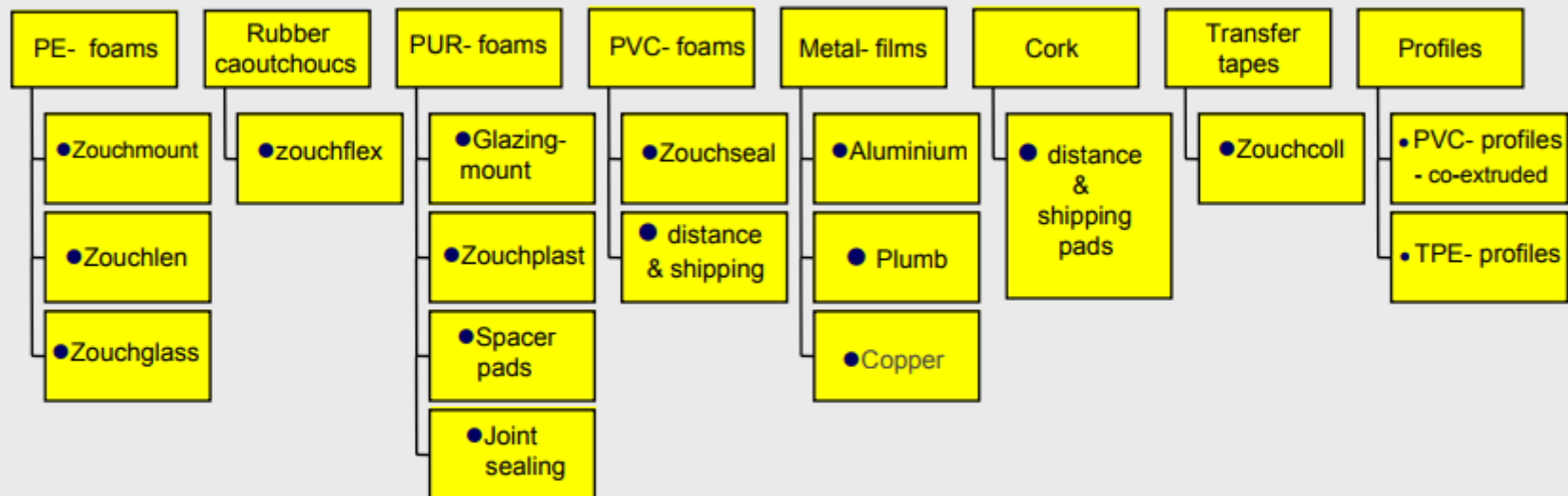
## Spectrum of applications

- sealing
- cushioning
- sound absorption
- soft storage
- mounting
- assembling
- insulation
- protection
- maintained spacing

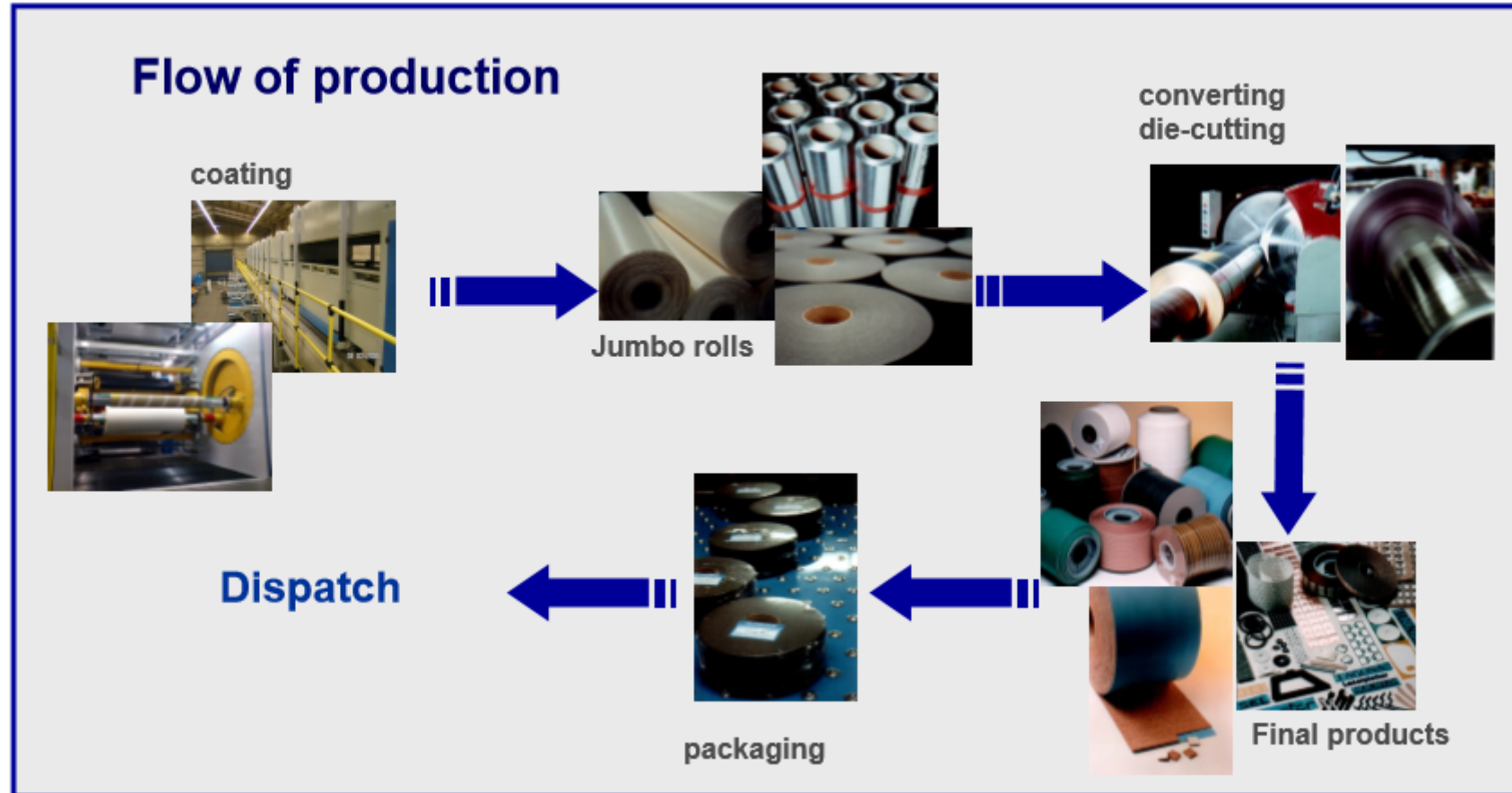


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## Large application spectrum while using Zouch products



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## Coating - converting - die-cutting – extrusion

- **Coating**

PE-, PUR-, PVC- foam, cellular rubbers, elastomeric sponges, papers, non-wovens, tissues, films or even unsupported tapes up to a coating width of 1150 mm.

- **Converting**

rolls, large- and small-sized bobbins, cross-wound bobbins, punched pieces aligned on rolls or individually punched as well as die-cut shapes and strips.

- **Extrusion**

extruded and co-extruded profiles (hard-soft combination)



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## Formulation of adhesives

solvent-based, emulsion-based and  
solvent-free adhesives

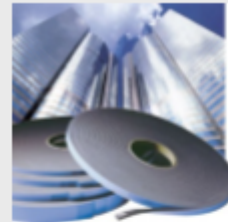
own formulation know-how

removable adhesives

cold-flexible adhesives

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**Markets**



**Construction**



**Industry**



**Medical**



**Automotive**



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## Glass, Window and Façade



### **ZOUCHMOUNT**

Mounting and assembling tapes for:

- Structural glazing
- Plastic profiles
- Mirror mounting
- Adhesion of georgian bar

### **ZOUCHLEN**

- Glazing tapes for window glazing

### **ZOUCH distance and shipping pads / spacer pads**

- Conceived for protection during storage and transport of Components made of glass, plastics, metals and wood

### **ZOUCH joint sealing tapes**

- Precompressed, resistant to driving rain, permanent elasticity, ecologically beneficial





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## Interior construction work

### The reliable way for acoustic sealing with ZOUCHLEN - partition wall tape

- Acoustic sealing when mounting interior partition walls
- Sonometrical test in conformity to DIN 52210 have been effected.
- According to the sound-related expertise issued by the Fraunhofer-Institute für Bauphysik (Institute for constructional physics) in Stuttgart, an evaluated measure indicating sound insulation of joints ( $R_{ST,W} = 59$  dB) has been attained.
- Fire protection: quality B1 flame resistant according to DIN 4102-01

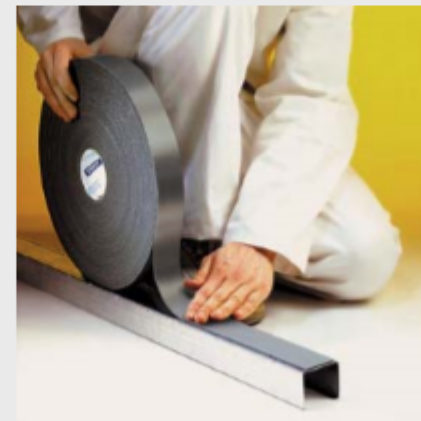
ZOUCHLEN -partition wall tapes, one-side self adhesive are deliverable in following qualities:

ZOUCHLEN 120 covered with protective film

ZOUCHLEN 111 G without protective film covering

#### Advantages by applying ZOUCHLEN 111 G

- rapid and improved working
- the rolls adheres in itself preventing any disaggregation
- no waste disposal of any protective film covering



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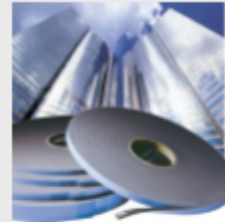
## Practical and helpful adhesive tapes

- **ZOUCHTAPE 1412 - masking tape**  
protection tape of non-rigid PVC, resistant to ultra-violet radiation and easily removable without leaving any residues
- **ZOUCHTAPE 1400 - multi-purpose masking tape**  
polyethylene coated tissue tape, particularly appropriate to the adhesion on rough and uneven surfaces



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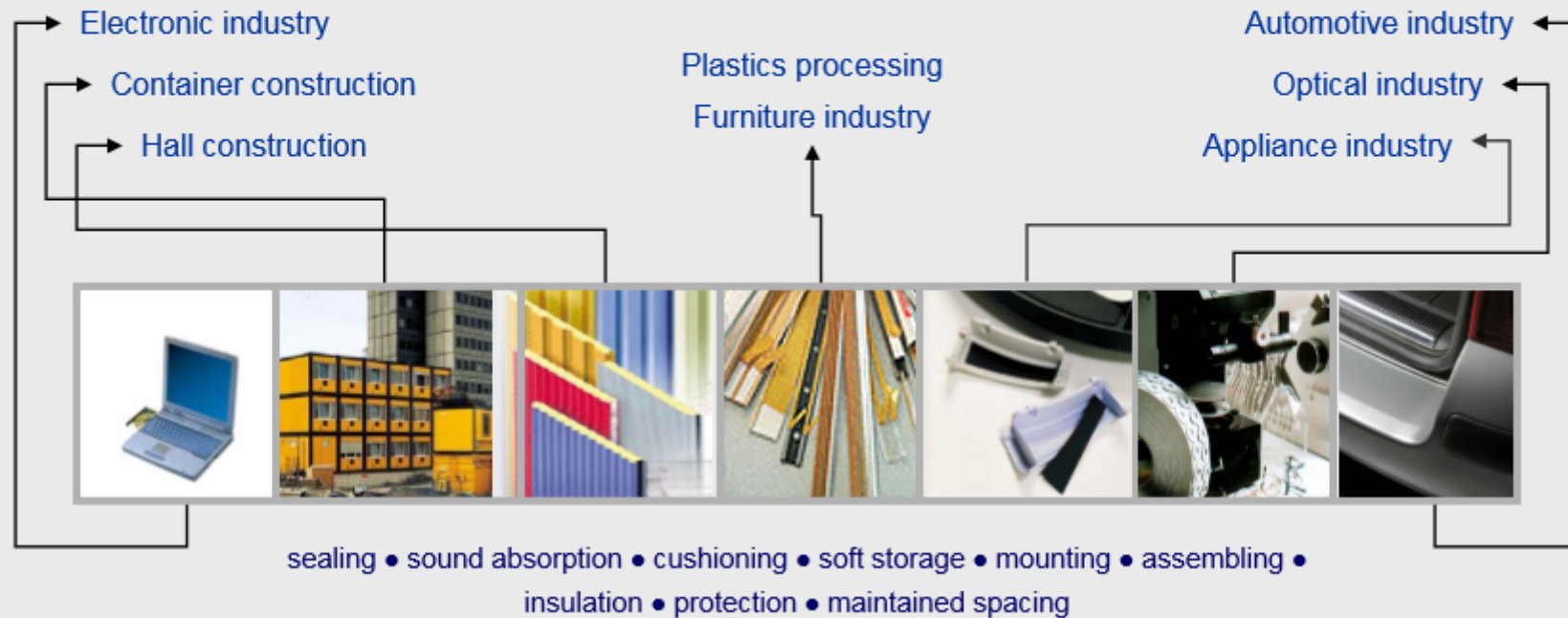


**Automotive**

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## Industrial applications

High performance single and double sided self adhesive sealing and mounting tapes based on foams, films and fleece are combined in a perfect, precise and design-friendly way important factors while producing high-value consumer products.



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## ZOUCHPRENE - extruded thermoplastic elastomer (TPE)

- Self-adhesive, equipped with high-grade acrylic adhesive

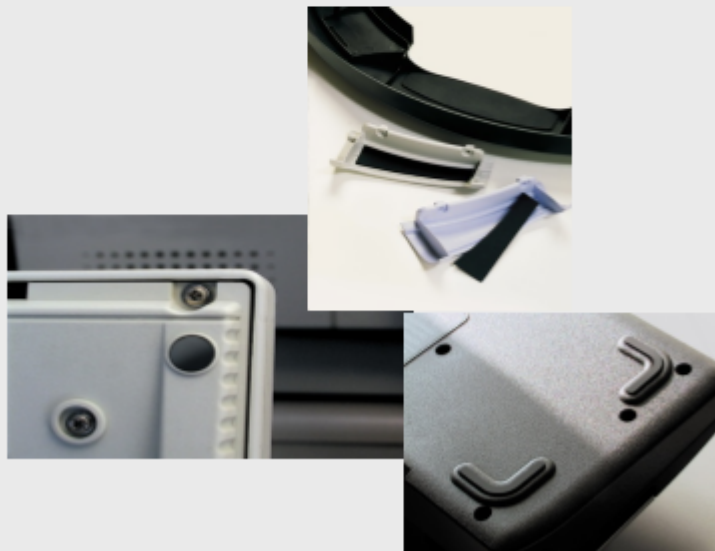
### **Delivery forms**

rolls, strips, and die-cut shapes according to specific requirements of the client. Available in different thickness dimensions, hardness types of material and various surface embossings



### **Characteristics of ZOUCHPRENE**

- shock absorbing
- vibration dampening
- anti-skid
- sound absorbing
- maintained distance ensuring permanent elasticity
- abrasion resistant
- self-adhesive on a large variety of surfaces by choosing the appropriate adhesive systems



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## Zouch surface protection tape

conceived for the lining of rotor blades of wind power stations with a transparent, self-adhesive polyurethane film.

Optimal protection against wear and tear, erosion and abrasion can be achieved by applying a transparent polyurethane film stabilised by ultraviolet radiation.

The ZOUCH erosion-protection film coated on one side with a high-grade acrylic adhesive possess an excellent resistance to abrasion and can be applied due to its superior formability on three-dimensional surfaces.

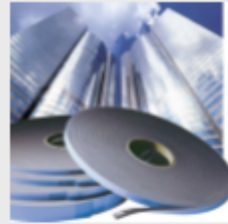
ZOUCH surface protection tape extend the service life of rotor blades without influencing the aerodynamic.





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**Markets**



**Construction**



**Industry**



**Medical**



**Automotive**

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## Preliminary products for medical care applications

ZOUCH is a supplier of polyethylene foam equipped with skin- friendly adhesive for the production of **self- adhesive electrode pads**.

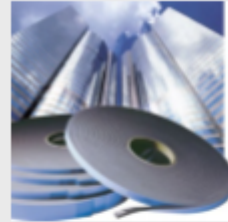


### **ZOUCH Stressmount**

is applied for the production of ECG electrode pads and for supplementary medical care applications. The applied adhesive excels by its superior permanent adhesive strength, even when submitted to long-term stress conditions in connection with profuse transpiration and exceeding heat development on the skin.

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## Automotive

Special products of our **ZOUCHMOUNT** program are coated with highly resistant pure acrylic adhesives especially designed for the technical requirements of the automotive industry

They are applied as pressure-sensitive tapes as well as die-cut pieces or shapes for the mounting and adhesion of:

- **exterior car mirrors**
- **badges, emblems, monogrammes**
- **trims, linings, entrance fittings**

and additional permanently bonded components demanding particular requirements concerning adhesive and shearing strength, thermal consistency, resistance to chemicals as well as aging stability.



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## ZOUCH surface-protection film

Transparent and UV-stabilized polyurethane films coated on one side with high-quality pure acrylic adhesive

### Examples of application:

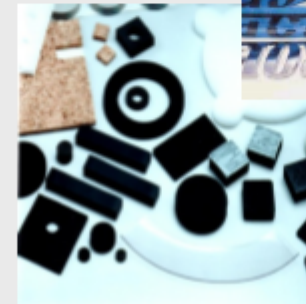
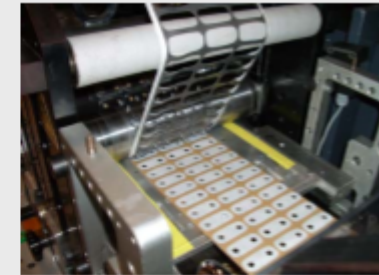
- Protection against scratches and abrasion in the area of the loading edges
- Protection of car entrance profiles, mouldings, trims, recessed grips and door locks
- Rockfall protection at bumpers, bonnets (hoods), exterior sides of the wheel arches and in low parts of the door sector of the car body
- Protection of the car body against corrosion, weathering conditions and damages caused by environmental conditions
- Application as noise absorption and fixed stop absorption



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## Punched pieces

- Application parts for mobile phones
- Mounting of badges (automotive)
- Mirror mounting (automotive)
- Ring pads for opticians (the reliable fixation of spectacle glass for the grinding of contours)
- Paper-based distance pads (furniture industry)
- Distance and shipping pads (insulation glass industry)
- Spacer pads (window and door production)
- Die-cuts conceived for clean and rapid adhesion of screens, hooks, displays and supplementary industrial produced components
- Die-cuts produced of polyethylene foam coated with skin-friendly adhesive conceived for the production of electrodes (ECG-pads)





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## ZOUCHCOLL transfer tapes

Programme comprising of pressure-sensitive tapes coated with various adhesives, supported (e.g. fleece, tissues and films ) and unsupported recommendable for applications in sectors, where the mounting and assembling require thin and transparent adhesions.



### Fields of applications

- screens
- signboards, nameplates
- keypads, keyboard membranes
- extruded profiles
- displays
- decorations
- adhesion on low-energy surfaces
- lining and lamination of materials

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## Laboratory service and testing possibilities:

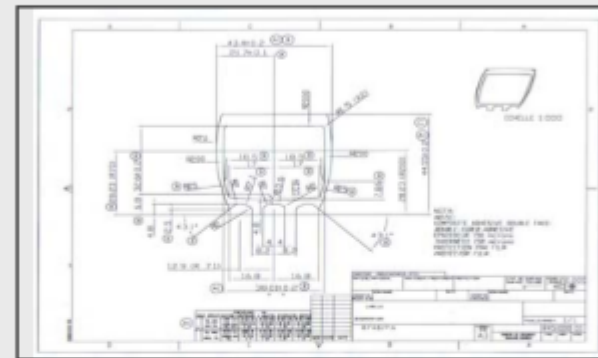
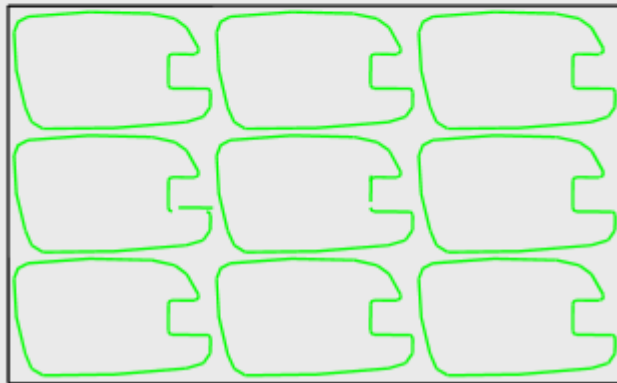
- Densities
- Measurements of tack, tension, traction, peeling and shearing strength
- Elasticity, stability
- Examination of surface tensions
- Resistance to ultra violet radiation, heat, humidity
- Resistance to aging and weathering conditions
- Migration behaviour
- Compressibility, sound absorption, heat insulation
- Sealing
- Analysis of materials, specification
- etc.

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Prototyping and production of small series of die-cut shapes by applying laser plotter

## Advantages

- high accuracy of measurements (high-precision)
- realization of measurement control report by applying the most up-to-date 3 D optical measurement equipment
- short-term availability
- no tool costs



## Preconditions

- CAD data files
- specifications

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## **Ecologically beneficial qualities create and form the future markets**



Zouch Converters recognizes and takes seriously its moral and legal responsibility to protect the environment, as well as the health and safety of its employees and the public. This is exemplified through our corporate environmental policy and practices.

Zouch Converters is committed to conducting its operations in accordance with the sound environmental practices and complying with the laws and regulations intended to protect health and the environment. The Managing Director of Zouch Converters is responsible for implementing this policy by committing adequate funding, personnel and resources to achieve the goals of this environmental policy.

Zouch Converters will continually evaluate all aspects of its operations and take appropriate measures to reduce, reuse or recycle its waste.

Zouch Converters recognizes that in order for this policy to be successful, its officers and employees must understand the requirements of the environmental laws and regulations relative to Zouch Converters activities. To accomplish this, Zouch Converters will develop and implement compliance training programs and procedures commensurate with each employee's responsibility for implementing this policy and complying with applicable environmental laws and regulations. Each Zouch Converters employee is expected to fully comply with this policy and all applicable environmental laws and regulations. Zouch Converters will discipline all employees who fail to comply with this policy.

Zouch Converters will also engage in self-monitoring to assure compliance with this policy. This includes the development and implementation of a system of regular environmental compliance audits, using outside resources as necessary.

All employees will be provided with a copy of this policy and are required to confirm in writing that they have received and read this policy.

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