



# YOUR PARTNER FOR ADHESIVE SOLUTIONS IN THE AUTOMOTIVE INDUSTRY

Engineering Tapes for OEMs and OESs Worldwide

# TOGETHER WE ENGINEER THE BEST SOLUTION FOR YOU

The automotive industry is increasingly replacing traditional joining techniques such as welding, soldering, or bolting with self-adhesive tapes, because bonding with tapes saves time, weight, and costs.



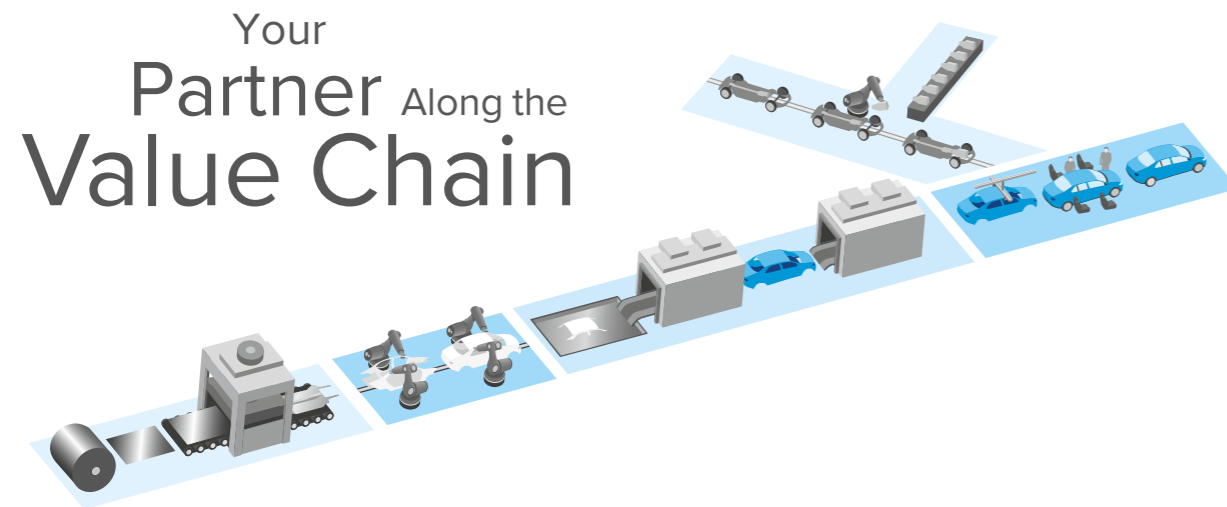
We deliver a comprehensive product assortment built on more than 125 years of adhesive development, quality, and in-depth market and application expertise, making us a **reliable partner**.

As one of the world's leading producers of self-adhesive tapes, nearly all international operating OEMs use our products – directly or indirectly via their suppliers.

We work with a global network of engineers, account managers, and R&D labs, making us agile and **responsive** to your needs. We are quick to recognize and embrace trends such as individualization and e-mobility. This enables us to provide effective and efficient solution packages to meet these requirements.

## Always by your side

We are with you all the way. Our global presence on all tiers means we can support you with your projects to the greatest possible extent. We have a perfect start-of-production overview so we can steer projects on time and offer a solution package that we know will meet market requirements. We do not just value our customers, we add value for our customers.



We work closely with our customers to support spec-in work not just at tier one but along the whole value chain, ensuring that our adhesive material fulfills all requirements.

We go one step further and provide the best application solution for every working process involved along the value chain.

# ADDING VALUE TO YOUR PRODUCTION PROCESS

We are always **one step ahead**, engineering new adhesives and innovative application solutions to support the modern requirements of the automotive industry. Using the best application method, we can help you to save time and costs.

## We offer more than tape

No matter what kind of production process is involved, we can design and deliver a customized die-cut system that best suits your production requirements. Our tailor-made tape designs incorporate special features that contribute to time-saving and cost-efficient production processes.



## Together we develop the perfect application process

In close cooperation with you, we can develop an application solution that best fits the needs of your process and brings measurable advantages to your production. We offer a variety of tools and devices – manual and automatic – to suit your desired tape and application processes.



## We Offer Solutions Beyond Tape



Handheld dispensers and applicators adapted and adjusted to meet your quality requirements for different tapes and applications



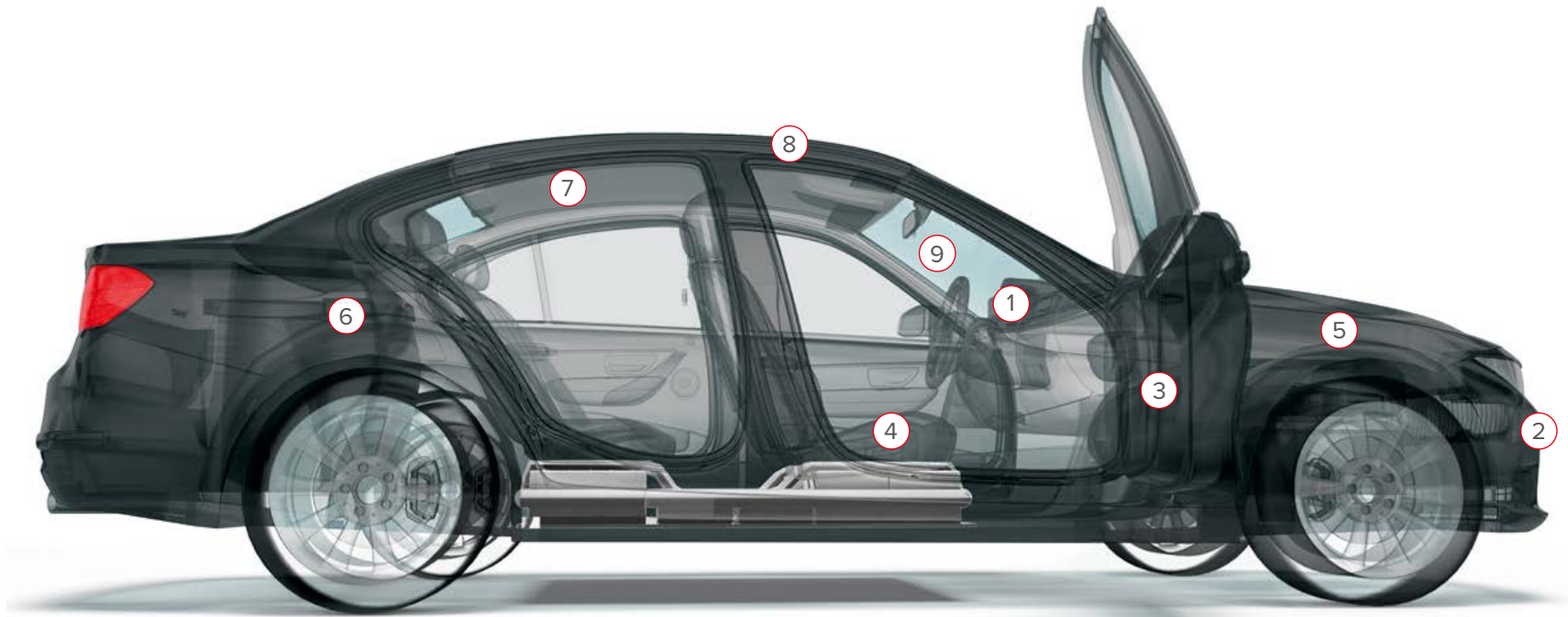
Stationary dispensers for die-cuts and roll material, with easy-to-exchange cartridges



Automated solutions engineered to suit your challenging production requirements

## Our Complete Package for Automotive Systems

Today's automotive systems offer the perfect combination of design, functionality, and quality. This leads to an increasing number of components driven by customer requirements. To make sure every demand is met, we offer a wide range of tape solutions for your specific system.



Our products are ideally suited to the different assembly steps of automotive systems.



### Cockpit systems

For example, the durable mounting of decorative trims or noise insulation for higher driving comfort. We have a wide range of adhesive solutions that fulfill these challenging quality and design requirements.



### Front and rear-end modules

For the permanent mounting of bumper parts, such as emblems, or the precise masking of multicolored bumpers. Our products facilitate lightweight construction for the perfect look.



### Door panels

Our tapes are suitable for a variety of surfaces and can fulfill the design requirements of today's door systems. For example, our products can mount trims or roller-blind components, or provide light blocking for ambient lights.



### Seating systems

We provide the perfect package to meet growing comfort and safety requirements – whether it be the lamination of a wide range of materials such as foam, textiles or leather, or for the bundling of harnesses.



### Powertrain applications

For the bonding of magnets to rotors for electric motors or the mounting of battery cells. Our tapes support the growing trend towards the reduction of emissions and fuel consumption.



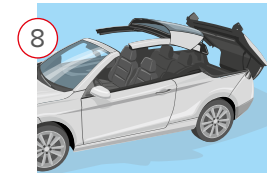
### Fuel systems

For example, our products can mount attached parts to fuel tanks or provide protection against abrasion for wires, fuel hoses, and labels.



### Overhead systems

Our tapes enable modern overhead systems (incl. ambient lighting, sunroof, and air-duct systems) by meeting all comfort, convenience, and safety requirements.



### Roof systems

Our adhesive tape and system solutions support all safety, convenience, and lightweight-design requirements and are ideal for convertible and functional roof systems.



### Glass applications

For the perfect sealing, mounting, and protection of all glass applications such as windshields. Our tapes feature excellent cold shock, humidity, and UV resistance.

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All technical information and data above mentioned are provided to the best of our knowledge on the basis of our practical experience. They shall be considered as average values and are not appropriate for a specification. Therefore tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. The user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.

Always  
the Right  
Solution

## Our Long-Term Experience in Automotive Applications

Our qualified experience comes with a deep understanding of applications, product values, and service. We run dedicated application solution centers, in which we conduct all critical tests for our tape solutions in your defined application. With our state-of-the-art equipment, we assure you that we follow all necessary test methods to find the best possible solution.



### Masking

A wide range of masking solutions for car body and bumper masking applications to create an accurate and unique look as well as meet all paint and design requirements.



### Security labeling

Laser labels combine our deep knowledge in laser marking technologies with expertise in self-adhesive films. Our products come with customer-specific visible or hidden features.



### Attachment part mounting

tesa® ACX<sup>plus</sup> acrylic foam tapes securely bond exterior components to the car body and, at the same time, provide reliable sealing and vibration damping.



### Automotive electronics

We have developed a vast range of mounting solutions in the emerging business fields of automotive digitization and environmentally friendly electrification.



### Hole covering

A variety of sealing solutions for excellent corrosion protection. Our tapes are suitable for the most demanding of applications and can be even more effective than regular plugs.



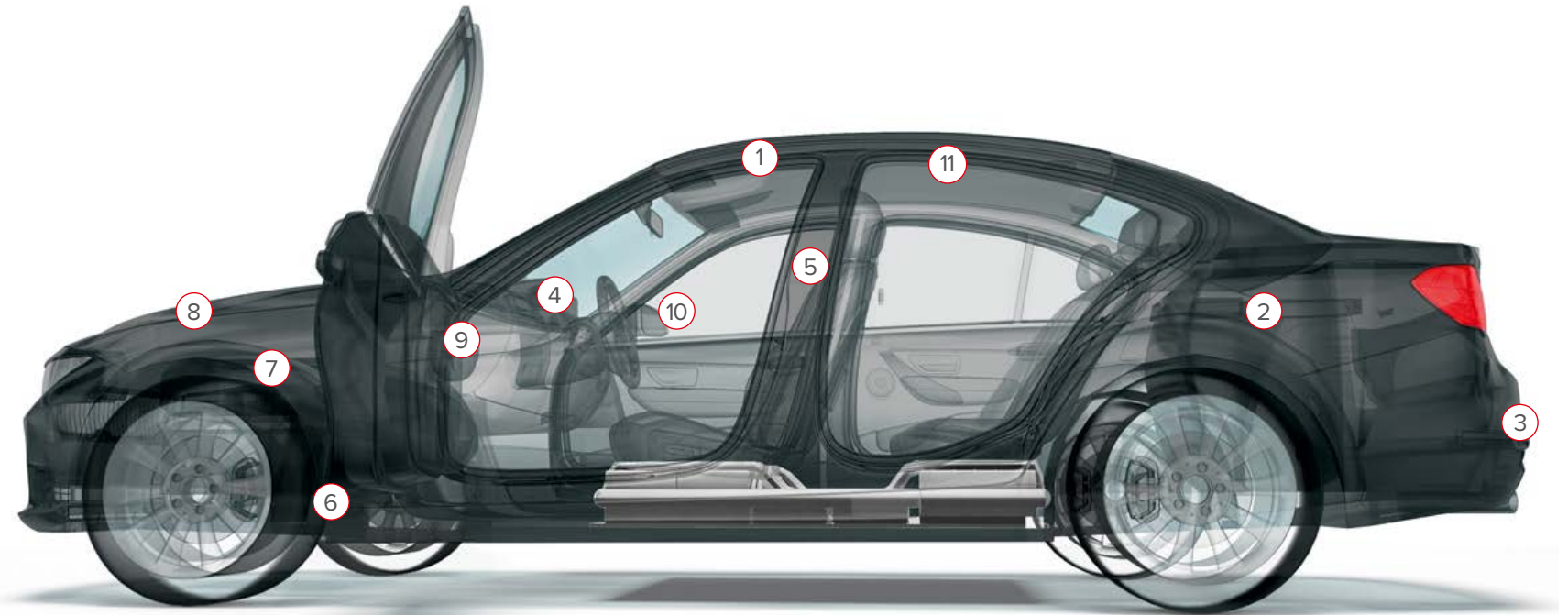
### Permanent paint protection

Highly UV-resistant, thin, and nearly invisible paint protection films that protect the vehicle's finish from stone-chip damage and scratches.



### Wire harnessing

Flexible adhesive tapes for the reliable and efficient bundling of wires in the engine and passenger compartments, also protect against noise, abrasion, and environmental conditions.



### Surface protection

Superior car protection films that protect brilliant surfaces against dirt and damage during world-wide vehicle transportations. Our tapes are resistant to climatic changes and keep freshly painted clear coats clean.



### Interior mounting

Tape solutions suitable for low VOC bonding and lamination as well as prevention of vibration, squeaking, and rattling.



### Mirror assembling

We have a large assortment of tapes that are suitable for the different steps of mirror assembly: mounting, splintering protection, and surface protection.



### Cable mounting

Our environmentally friendly tapes bond cable harnesses reliably and minimize VOC emissions in vehicle cabins.

Experienced Partner  
in Automotive  
Applications



Our management system is certified according to the standards ISO 9001, ISO/TS 16949, and ISO 14001. All our products delivered to automotive customers are listed in the International Material Data System (IMDS).