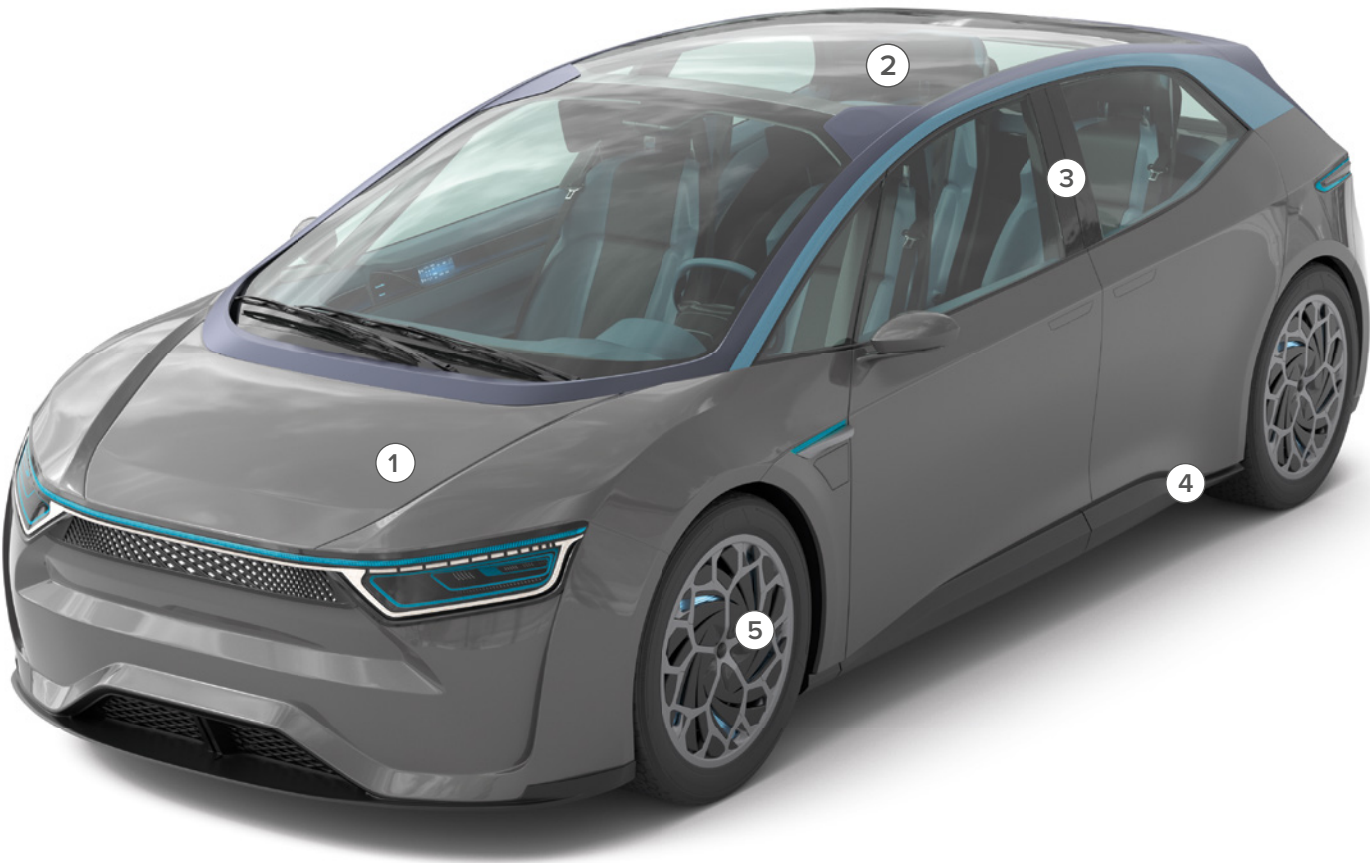




Superior car body protection

Our surface protection solutions for
the automotive industry

Value your sensitive surface



Perfect care for visible success

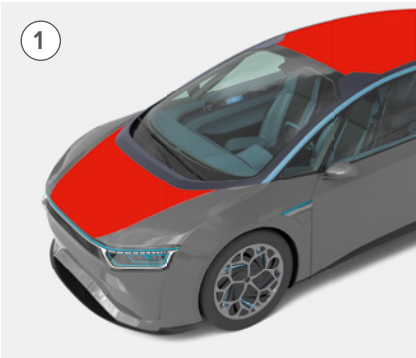
First customer impressions matter

The clear coats and plastic or metal parts of brand new cars are only perceived as high quality if they are clean and not damaged. Our surface protection range provides self-adhesive tape solutions for safe global vehicle transportation. Regardless of road, rail or sea – we preserve your value!

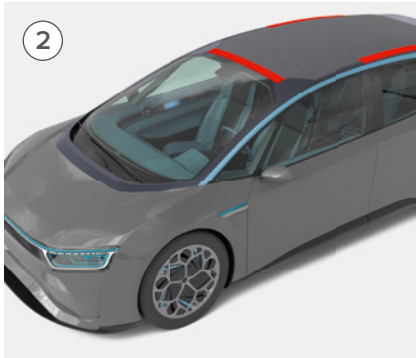


Exterior surface protection

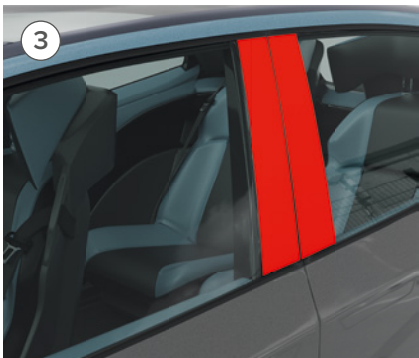
In a globalized world, protection films, pads, and car covers reduce the risk of damage in OEM logistics processes. These superior protection tapes result in less damage and meet the high expectations of car dealers around the globe. Our application solutions provide resistance against climatic influences and keep freshly painted clear coats clean.



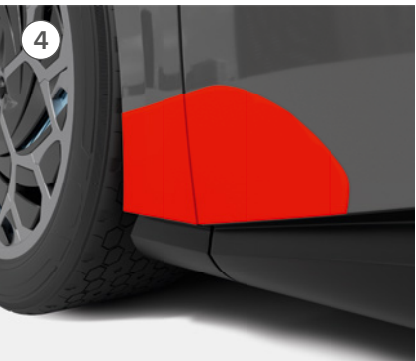
Filmic car body protection



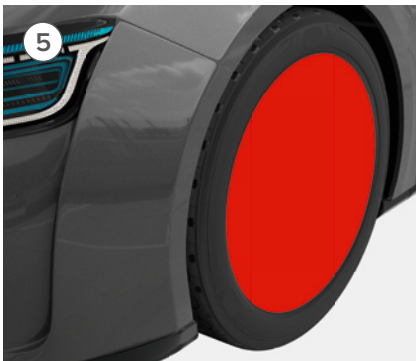
Textile car body covering



Plastic protection



Permanent paint protection



Alloy wheel protection

Interior surface protection

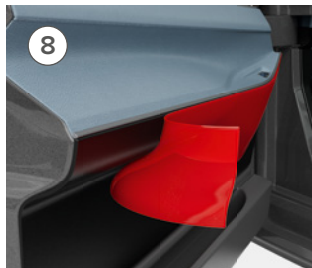
Automotive plant operations require safe assembly line processes. Interior surface protection tapes prevent scratches on sensitive substrates. Our tape solutions resist mechanical impacts on different surface energy profiles and geometries.



Carpet protection



Trim protection



Door panel protection



Entry trim protection

Long-lasting products for demanding environments



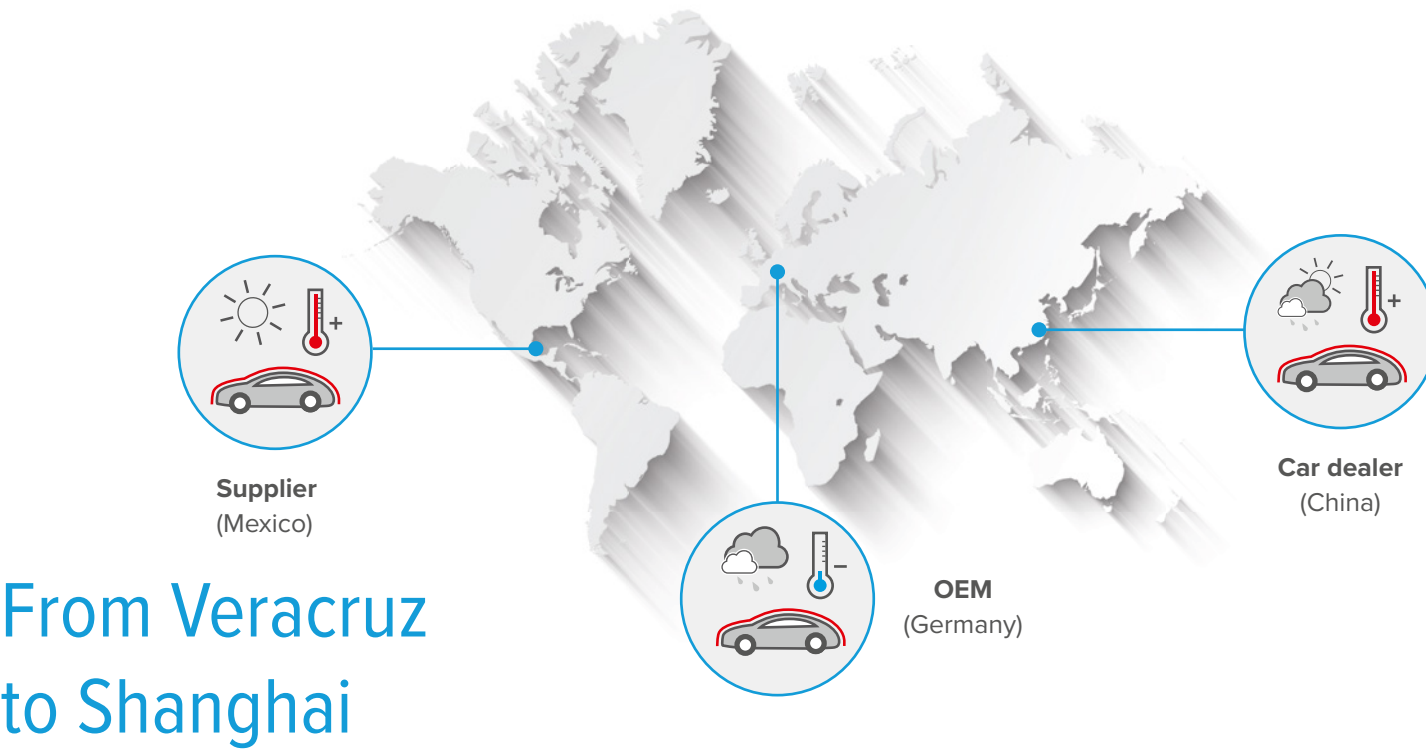
Exterior surface protection

	Bodyguard		Hood fixation	Wheelguard
	tesa® 50530 PV7	tesa® 50535 PV7	tesa® 50537	tesa® 50551 PV1
Technical Data				
Key characteristics	Premium grade for freshly painted surfaces for long-term outdoor exposure	Economy grade for freshly painted surfaces and long-term outdoor exposure	Fixation of textile based car covers on glass surfaces	Transparent wheel rim protection for long-term outdoor exposure
Backing	PE/PP	PE/PP	Fleece	PE
Color	White	White	White	Transparent
Adhesive	EVA	EVA	Acrylic	Acrylic
Thickness of tape [µm]	79	61	170	70
Adhesion to steel [N/cm]	0.8	0.6	2.5	1.2
Outdoor resistance	12 months	12 months	12 months	8 months

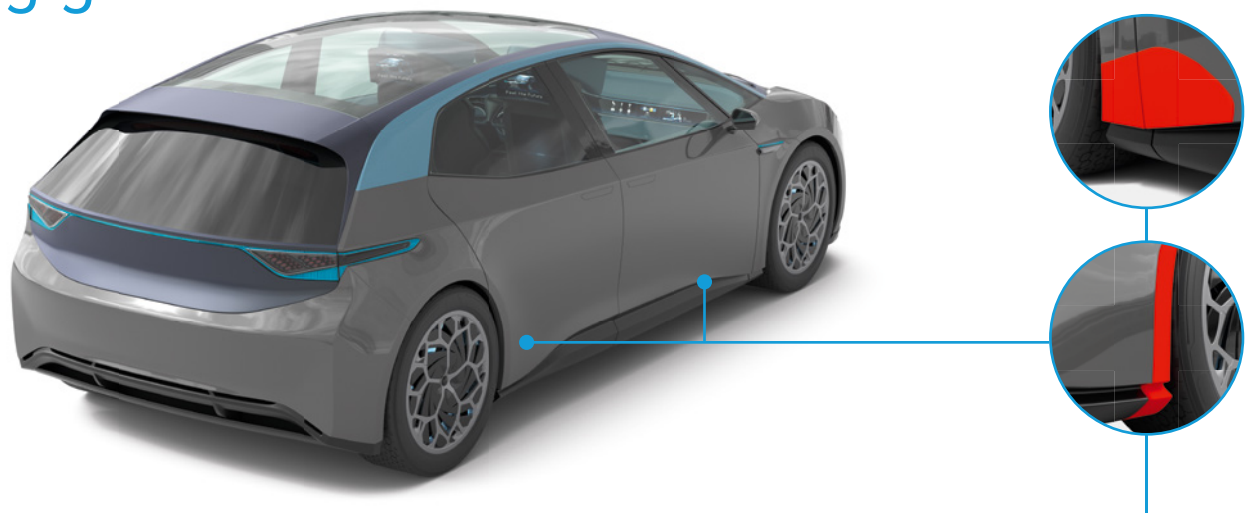
Interior surface protection

	tesa® 4848 PV1	tesa® 51134	tesa® 51136	tesa® 7133
Technical Data				
Backing	PE	PE	PE	PE
Color	Transparent	Transparent	Green translucent	Blue
Adhesive	Acrylic	Acrylic	Acrylic	Natural rubber
Thickness of tape [µm]	48	84	105	80
Adhesion to steel [N/cm]	0.8	2.4	2.4	2.0
Rating material compatibility				
Painted surfaces	•	•	•	••
Eloxal	•••	–	–	••
Glass	••	•	–	•••
High-surface- energy plastic parts	Glossy	•	•	••
	Rough	••	••	•••
Low-surface-energy plastic parts	Glossy	••	••	••
	Rough	•	•	•••
Textile	•	•	•	••

••• Excellent •• Good • Appropriate – Not appropriate



Keeps the car's finish looking great



- Anywhere you want to protect the vehicle's finish from paint chips, scratches, and other damaging elements without detracting from the vehicle's appearance.
- Wheel arch and fender
 - Door edge
 - Rocker panel
 - Rear bumper
 - Painted plastic parts

Invisible protection with long-term effect

Everything that is needed to keep that new car feel

- Uplifting design**
Great optical clarity and the paint-like gloss finish make our paint protection films virtually invisible when applied to painted surfaces.
- Proven quality**
Over a decade of satisfied customers prove that, due to its long-term UV resistance and self-healing properties, the original film remains invisible throughout the vehicle's lifetime, even for white-painted vehicles.

Opening possibilities
Our solution can be easily integrated into the existing assembly process. Customized die-cut solutions with visual positioning features help the worker to determine the exact positioning, thereby improving accuracy.

Paint protection films

	tesa® 52994/54994			tesa® 52995/54995	
	PV5	PV0	PV3	PV0	PV4
Technical Data					
Backing	Aliphatic PUR	Aliphatic PUR	Aliphatic PUR	Aliphatic PUR	Aliphatic PUR
Top coat				Yes	Yes
Color	Highly transparent	Highly transparent	Highly transparent	Highly transparent	Highly transparent
Adhesive	Acrylic	Acrylic	Acrylic	Acrylic	Acrylic
Thickness of tape [µm]	187	260	360	280	330
Adhesion to steel [N/cm]	8.4	8.2	9.9	13.5	16.7

Gliding tapes

Our permanent solutions for both interior and exterior anti-squeak and abrasion protection at the assembly line. Application fields include reliable masking of sharp-edged sheet-metal components, facilitating sliding of car roofs and sliding doors, and protecting harnesses in high friction areas.

Technical Data	tesa®51206	tesa® 51207	tesa®51217
	Special gliding PE-UHMW tape for anti-squeak prevention and abrasion protection		
Key characteristics			
Backing	PE-UHMW	PE-UHMW	PE-UHMW
Color	Translucent	Translucent	Black
Adhesive	Acrylic	Acrylic	Acrylic
Thickness of tape [µm]	114	114	154
Adhesion to steel [N/cm]	4.3	4.3	4.3
Outdoor resistance	•	••	••

•• Good • Appropriate

Processes and Tools

On-site service and customized solutions
Tooling is fundamental for automotive processes. As a highly service-oriented partner, we strive for the leanest customer applications. Our engineering team develops automized dispensing solutions for highly efficient tape application. By analyzing individual process parameters, we consult OEMs on a global scale and help to reduce process times – operational excellence in every plant.



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.



Certifications

Our company is focused on international quality, environmental, and occupational safety standards.

Please find more information regarding our certifications at:
www.tesa.com/certifications

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