

A close-up photograph showing a hand peeling a white, glossy protective film from the surface of a dark-colored car. The car's surface is highly reflective, showing a clear reflection of the hand and the film. The background is blurred, suggesting an outdoor setting with greenery and a blue sky.

SUPERIOR CAR BODY PROTECTION

Our Surface Protection Solutions for the Automotive Industry

Value

Your Sensitive

Surfaces



PERFECT CARE FOR VISIBLE SUCCESS

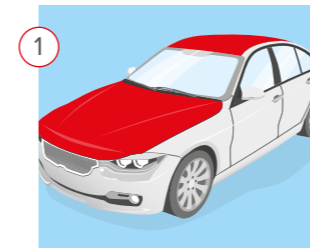
First customer impressions matter

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!

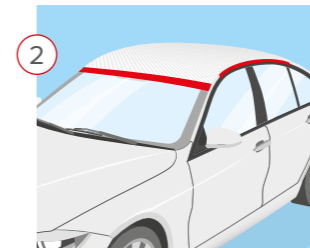


Exterior surface protection

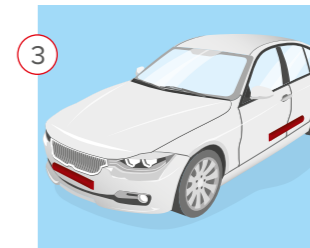
In a globalized world, protection films, pads, and car covers reduce the risk of damage in OEM logistics processes. These superior protection tapes result in less damage and meet the high expectations of car dealers around the globe. Our application solutions provide resistance against climatic influences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



1
Filmic car body protection



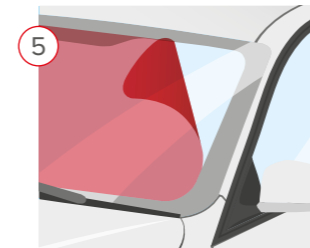
2
Textile car body covering



3
Foam based bumper protection



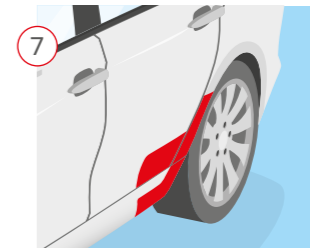
4
Printed security sealing



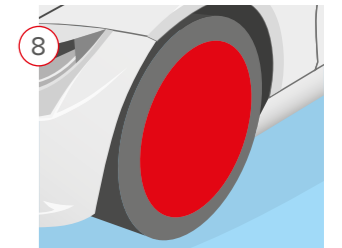
5
Glass protection



6
Plastic protection



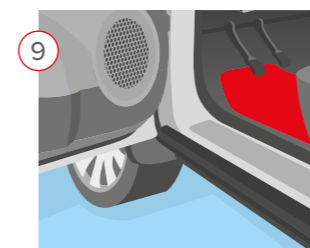
7
Permanent paint protection



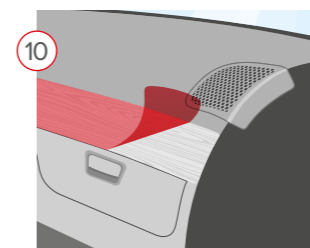
8
Alloy wheel protection

Interior surface protection

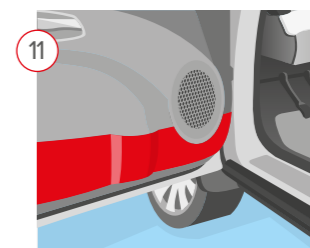
Automotive plant operations require safe assembly line processes. Interior surface protection tapes prevent scratches on sensitive substrates. Our tape solutions resist mechanical impacts on different surface energy profiles and geometries.



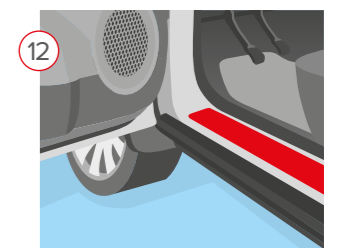
9
Carpet protection



10
Trim protection

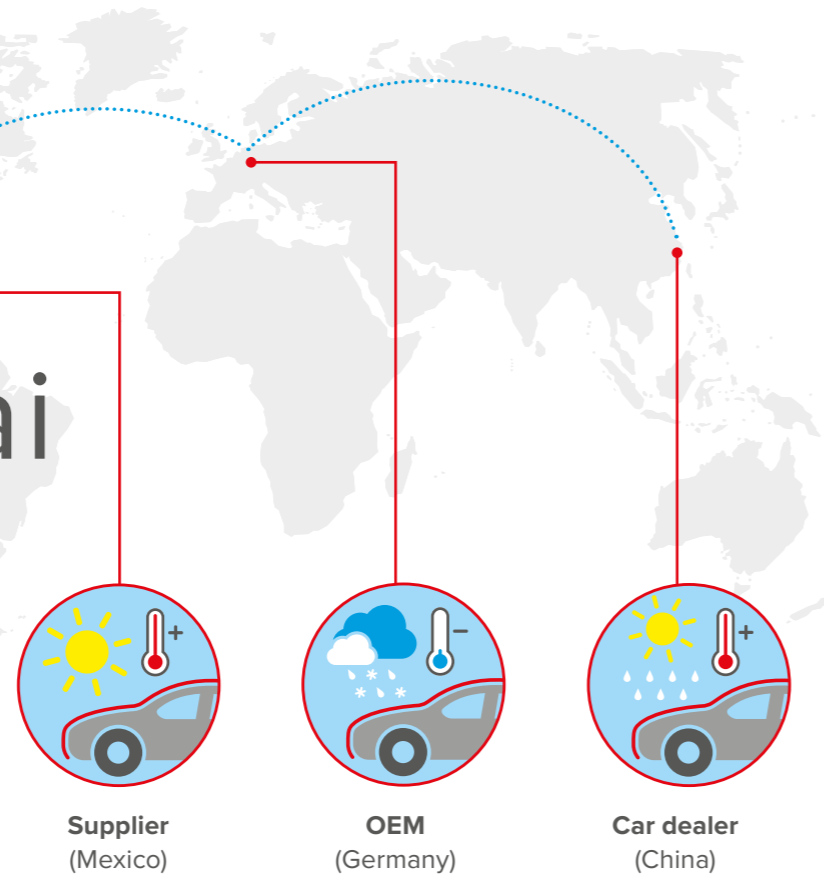


11
Door panel protection



12
Entry trim protection

From Veracruz to Shanghai



LONG-LASTING PRODUCTS FOR DEMANDING ENVIRONMENTS



Exterior surface protection

	Bodyguard		Hood fixation			Edge securing	Wheelguard	Bumperfilm	Assembly-guard	Glassguard
	tesa® 50530	tesa® 50535	tesa® 50410	tesa® 50450	tesa® 50460	tesa® 50533	tesa® 50551	tesa® 50560	tesa® 50540	tesa® 50550
Technical data										
Key characteristics	Premium grade for freshly painted surfaces for long-term outdoor exposure	Economy grade for freshly painted surfaces for long-term outdoor exposure	Single-sided tape for mounting textile-based car covers to glass windshields	Single-sided tape for mounting textile-based car covers to various clear coats	Double-sided tape for mounting textile-based car covers to various clear coats	High-adhesion edge-securing tape for freshly painted surfaces	Transparent wheel rim protection for long-term outdoor exposure	Economy grade for painted and unpainted plastic components for long-term outdoor exposure	Impact-resistant tape for freshly painted surfaces during assembly process (indoor)	Designed to protect sensitive surfaces such as glass
Backing	PE/PP	PE/PP	PP/PET	PP	PP	PE/PP	PE	PE/PP	PE/PP	PP
Color	White	White	Transparent	White	White	White	Transparent	White	Blue translucent	Transparent
Adhesive	EVA	EVA	Acrylic	PIB	PIB/hot-melt adhesive	Tackified EVA	Acrylic	Synthetic rubber	EVA	EVA
Thickness of tape [µm]	79	60	140	110	205	96	70	52	4200	72
Adhesion to steel [N/cm]	0.9	0.6	2.8	5.1	5.1/9.1	3.0	1.2	2.0	0.5	0.15
Outdoor resistance	12 months	12 months	12 months	12 months	12 months	9 months	8 months	12 months	Not applicable	9 months

Interior surface protection

	tesa® 4848 PV1	tesa® 51132	tesa® 51134	tesa® 51136 PV0	tesa® 51136 PV2	tesa® 7133	tesa® 4289
Technical data							
Backing	PE	PE	PE	PE	PE	PP	MOPP
Color	Transparent	Transparent	Transparent	Green translucent	Green translucent	Blue	Yellow
Adhesive	Acrylic	Acrylic	Acrylic	Acrylic	Acrylic	Natural rubber	Natural rubber
Thickness of tape [µm]	48	85	84	105	110	80	150
Adhesion to steel [N/cm]	0.8	2.8	2.4	2.4	2.6	2.0	5.5
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

INVISIBLE PROTECTION WITH LONG-TERM EFFECT

When it comes to protecting the vehicle's paint, you'll be glad tesa paint protection film does the job

Depending on the car design, there are certain areas that are highly vulnerable to mechanical damage (paint chips), scratches, staining, and more. A well-protected paint does not only provide visual advantages, it provides your customers clear added value for their vehicle. An intact surface is protected against corrosion. This leads to a significant reduction in repair and maintenance costs.

There is a simple, highly effective way for you to keep your customer's new vehicle in as good a condition as possible. Our paint protection film is the best way to preserve the showroom-quality finish on your vehicle as it significantly reduces paint chips and more.

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

Ten years 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® 54994 PV0	tesa® 54994 PV3	tesa® 54995 PV0	tesa® 54995 PV4
Backing	Aliphatic PUR	Aliphatic PUR	Aliphatic PUR, top coat	Aliphatic PUR, top coat
Top coat			Yes	Yes
Color	Highly transparent	Highly transparent	Highly transparent	Highly transparent
Adhesive	Acrylic	Acrylic	Acrylic	Acrylic
Thickness of tape [µm]	260	360	280	335
Adhesion to steel [N/cm]	8.7	8.9	15	15
Temperature resistance [°C]	90	90	90	90

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 process engineering develops automated 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.



Great tools for automatization and manual application

Even small adjustments in production can have a great impact on quality. Automatic unwinding dispensers, cardy cuts, and squeegees are part of our complementary product range and help line workers to enjoy workability – for or better quality in operations.



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.



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).