



Product Portfolio

High-End Adhesive Solutions
for the Automotive Industry.



Multi-Talented Adhesives

The best range to suit your needs.

Whether for passenger cars, commercial vehicles or caravans. Whether for interior or exterior use. Lohmann adhesive tapes or films can be used to mount numerous vehicle components and offer an extensive variety of functions: tolerance compensating, cushioning, removable, transparent, electrically or thermally conductive, environmentally friendly, capable of forming an airtight seal, low-fogging and more. And of course they can bond too – the particular solution depends on your specific needs.

From adhesive to die-cut part.

With each adhesive solution we never lose sight of the entire process. From adhesives production to coating, laminating and converting through to customized die-cut parts, which we produce in our modern die-cutting centers. With different types of materials and with excellent precision thanks to manufacturing tolerances in the μm range. And last but not least, we offer you application support with gripping aids, mounting films, or wipes to clean your surfaces. In short: Lohmann offers you everything from a single source.



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DuploCOLL® double-sided foam adhesive tapes offer outstanding tack and final adhesion properties for efficient mounting and durable bonding of the widest variety of attachments.

Double-sided foam tapes with special adhesive for mounting on glass without activator pre-treatment

Product	Carrier	Adhesive covered side	Adhesive open side	Thickness
DuploCOLL® 92008 G	PE foam black	Special adhesive for glass (Activator inside)	Pure acrylic	0.80 mm
DuploCOLL® 92011 G	PE foam black	Special adhesive for glass (Activator inside)	Pure acrylic	1.10 mm
DuploCOLL® 92116 G	PE foam black	Special adhesive for glass (Activator inside)	Pure acrylic	1.60 mm

Ideal for:

- Emblems & letterings
- Protective covers
- Kick plates
- Add-on parts
- Exterior trim parts

Double-sided foam tapes with special adhesive for new paint generations

Product	Carrier	Adhesive covered side	Adhesive open side	Thickness
DuploCOLL® 90006 NP	PE foam black	New Paint adhesive	New Paint adhesive	0.60 mm
DuploCOLL® 90008 NP	PE foam black	New Paint adhesive	New Paint adhesive	0.80 mm
DuploCOLL® 90012 NP	PE foam black	New Paint adhesive	New Paint adhesive	1.20 mm
DuploCOLL® 90108 NP	PE foam black	New Paint adhesive	Pure acrylic	0.80 mm
DuploCOLL® 90112 NP	PE foam black	New Paint adhesive	Pure acrylic	1.20 mm



Double-sided foam tapes with pure acrylic adhesive for classical interior and exterior automotive applications

Product	Carrier	Adhesive covered side		Adhesive open side		Thickness
DuploCOLL® 9042	PE foam anthracite	Pure acrylic		Pure acrylic		0.50 mm
DuploCOLL® 9301 FN	PE foam black	Pure acrylic		Pure acrylic		0.80 mm
DuploCOLL® 6311	PE foam black	Pure acrylic		Pure acrylic		0.90 mm
DuploCOLL® 930	PE foam black	Pure acrylic		Pure acrylic		0.95 mm
DuploCOLL® 931	PE foam black	Pure acrylic		Pure acrylic		1.33 mm
DuploCOLL® 935 F	PE foam black	Pure acrylic		Pure acrylic		2.00 mm

Ideal for:

- Emblems & letterings
- Protective covers
- Kick plates
- Add-on parts
- Exterior trim parts

Double-sided foam tapes with modified acrylic adhesive with good bonding properties on plastic materials

Product	Carrier	Adhesive covered side		Adhesive open side		Thickness
DuploCOLL® 5016 (F)	PE foam black	Modified acrylic		Modified acrylic		0.45 mm
DuploCOLL® VP 7178	PE foam black	Modified acrylic		Modified acrylic		0.60 mm
DuploCOLL® 21135	PE foam black	Modified acrylic		Modified acrylic		0.80 mm
DuploCOLL® 21224	PE foam black	Modified acrylic		Modified acrylic		1.40 mm



Double-sided tapes for self-adhesive preparation of various materials and conventional bonding purposes

Product	Carrier	Adhesive covered side	Adhesive open side	Thickness
DuploCOLL® 21112	none	Modified acrylic	–	0.09 mm
DuploCOLL® 101	none	Pure acrylic	–	0.05 mm
DuploCOLL® 102	none	Pure acrylic	–	0.10 mm
DuploCOLL® 103	none	Pure acrylic	–	0.13 mm
DuploCOLL® 3720	Tissue paper white	Modified acrylic	Modified acrylic	0.13 mm
DuploCOLL® VP 6504	PET film transparent	Modified acrylic	Modified acrylic	0.07 mm
DuploCOLL® 3702	PET film transparent	Modified acrylic	Modified acrylic	0.13 mm
DuploCOLL® 7209	PET film transparent	Modified acrylic	Modified acrylic	0.13 mm
DuploCOLL® VP 7871	PP film black	Modified acrylic	Modified acrylic	0.21 mm
DuploCOLL® 373	PP film white	Modified acrylic	Modified acrylic	0.33 mm

Ideal for:

- Protective covers
- Kick plates
- Add-on parts
- Exterior trim parts



Foam adhesive tapes with excellent properties for sealing connecting joints and mechanical fixing elements or for reducing vibrations and noises.

Single-sided foam tapes with modified acrylic adhesive with good bonding properties on plastic materials

Product	Carrier	Adhesive	Thickness
DuploCOLL® 54011	PE foam anthracite	Modified acrylic	1.23 mm
DuploCOLL® VP 8224	PE foam black	Modified acrylic	1.50 mm
DuploCOLL® VP 20298	PE foam black	Modified acrylic	1.85 mm
DuploCOLL® 21190	PE foam black	Modified acrylic	2.00 mm
DuploCOLL® 24300	PU foam black	Modified acrylic	2.50 mm

Ideal for:

- Noise reduction
- Sillboard coverings
- B-pillar cladding
- Roof trim
- Roof rail supports
- Radiator grills
- Spoilers

Double-sided foam tapes with good damping properties

Product	Carrier	Adhesive covered side	Adhesive open side	Thickness
DuploCOLL® 9192	PE foam black	Pure acrylic	Pure acrylic	1.50 mm

Customer-specific anti-noise and damping solutions:

Self-adhesive PE foams, PU foams, other foams as well as felt, non-woven, and velour materials.



Tapes for cable fastening applications

Product	Carrier	Adhesive	Thickness
Single-sided nonwoven tapes			
DuploCOLL® 2100 FL	Nonwoven white	Acrylic dispersion	0.25 mm
DuploCOLL® 2105 FL	Nonwoven white	Acrylic dispersion	0.25 mm
DuploCOLL® 21002 FL	Nonwoven white	Acrylic dispersion	0.25 mm
Single-sided foam tapes			
DuploCOLL® 52055	PU foam black	Scrim-reinforced acrylic dispersion	3.00 mm
DuploCOLL® 52065	PU foam black	Acrylic dispersion	3.00 mm
Permelaastic tapes			
DuploCOLL® 6002 PT	none	Synthetic rubber	1.00 mm

Ideal for:

- Fixing cables to the roof liner



High-temperature and chemical-resistant sealing adhesive tapes

Product	Carrier	Adhesive	Thickness
DuploCOLL® 15060 HCR	none	Pure acrylic	0.06 mm
DuploCOLL® 15100 HCR	none	Pure acrylic	0.10 mm
DuploCOLL® 15250 HCR	none	Pure acrylic	0.25 mm

Ideal for:

- Sealing
- Noise reduction

Abrasion resistant films

Product	Carrier 1	Carrier 2	Adhesive	Thickness
Anti-creak film + PE foam tapes				
DuploCOLL® 32091	PE foam black	PE film nature	Modified acrylic	0.57 mm
DuploCOLL® 32092	PE foam anthracite	PE film nature	Modified acrylic	1.02 mm
DuploCOLL® 32093	PE foam black	PE film nature	Modified acrylic	1.12 mm
DuploCOLL® 32094	PE foam black	PE film nature	Modified acrylic	3.32 mm
DuploCOLL® 32095	PE foam black	PE film nature	Modified acrylic	2.12 mm
Anti-creak film + PET film tapes				
DuploCOLL® 3209	PET film transparent	PE film nature	Modified acrylic	0.25 mm
DuploCOLL® 32096	PET film transparent	PE film nature	Modified acrylic	0.32 mm

Ideal for:

- Abrasion protection
- Corrosion protection
- Anti-creak protection



Innovative adhesive tapes for visually or functionally perfect bonding of materials.
Extremely versatile owing to thermal and electrical conductivity.

Conductive tapes

Product	Carrier	Adhesive covered side		Adhesive open side	Thickness
Thermally conductive tapes					
DuploCOLL® 34100 TC	Acrylic foam white	Pure acrylic		Pure acrylic	0.25 mm
Electrically conductive tapes					
DuploCOLL® 286 EC	Nonwoven black	Pure acrylic		Pure acrylic	0.11 mm

Ideal for:

- Mounting electronic components
- Thermal management
- Electrical management

Double-sided adhesive tapes with film carrier

Product	Carrier	Adhesive covered side		Adhesive open side	Thickness
DuploCOLL® 3605.2	PET film transparent	Pure acrylic		Pure acrylic	0.11 mm
DuploCOLL® 361.2	PET film transparent	Pure acrylic		Pure acrylic	0.15 mm
DuploCOLL® 3702	PET film transparent	Modified acrylic		Modified acrylic	0.13 mm
DuploCOLL® 36100 BLK	PET film black	Modified acrylic		Modified acrylic	0.10 mm
DuploCOLL® 36150 BLK	PET film black	Modified acrylic		Modified acrylic	0.15 mm



Protect • Insulate

Adhesive tapes developed specially for protecting and shielding against harmful external influences. Excellent resistance to dirt, dust and moisture.

Protection films

Product	Carrier	Adhesive	Thickness
DuploCOLL® 60004	PE film transparent	Pure acrylic	0.05 mm
DuploCOLL® 60005	PE film blue	Pure acrylic	0.05 mm

Ideal for:

- Surface protection
- Electromagnetic screening
- Anti-static finishing of LCD and TFT displays, LED/OLED, lighting

Shielding solutions

Anti-static protective films are available on request.

UL certification

The UL certification required for the North American market demonstrated that the products contained in the Lohmann portfolio offer excellent attributes. Many of our products have been registered in accordance with UL 969 and UL 746. For details please refer to UL File PGGU2.MH15429 and UL File QQQW2.E309165.

Further certifications

Tried-and-tested quality is at the very heart of our corporate policy. Please find an overview of all certificates at www.lohmann-tapes.com/certificates.

Innovative bonding techniques with epoxy, cyanoacrylate and polyurethane.

DuploTEC® SBF (Superior Bonding Films) is Lohmann's innovative response to increased demands for adhesive solutions as an alternative to conventional bonding technologies such as welding, rivets, screws, or liquid adhesive. Dimensionally precise, pre-applicable and resilient: DuploTEC® SBF combines the performance of structural adhesion with the simple handling of a pressure-sensitive adhesive film and can therefore be processed quickly and cleanly. There are three different technologies available which are called "Topaz", "Amber", and "Onyx".



TOPAZ Technology

High-performance polyurethane adhesive system.

- Solvent-free, dry bonding film
- Latent reactive with structural adhesive properties
- Cures within seconds at low temperatures
- Individual and precise adhesive dimensions
- Stays elastic & flexible after curing
- High heat and chemical resistance
- Pre-applicable on bonding partners at 60 - 70° C



AMBER Technology

First commercially available cyanoacrylate adhesive system as roll good.

- Bonding film with high immediate adhesion
- Reactive with structural adhesive properties
- As easy to apply as an adhesive tape
- Suitable for bonding temperature-sensitive materials
- Moisture curing at room temperature
- Curing can be accelerated with temperature



ONYX Technology

Epoxy based thermosetting adhesive film.

- Bonding film with high immediate adhesion
- Reactive films and adhesive tapes with properties from flexible to high-strength structural bonds
- As easy to apply as an adhesive tape (tack at room temperature)
- Compensation of highest static and dynamic forces
- Extremely resistant to aging and chemicals
- High temperature resistance

Refer to the next page for details of all DuploTEC products.

TOPAZ, AMBER and ONYX Technology: Structural Bonding Solutions

DuploTEC® SBF films combine the performance of structural bonding strength with the simple handling of a pressure-sensitive adhesive film. The different characteristics of the three technologies ensure you can make the right selection for your application.

	TOPAZ			AMBER	ONYX	
Technology	Polyurethane	Polyurethane		Cyanoacrylate	Epoxy	Epoxy
Adhesive	LomaCOLL® TS 41	LomaCOLL® TS 43		LomaCOLL® TS 71	LomaCOLL® TS 83	LomaCOLL® TS 82
Initial adhesion	Dry adhesive film	Dry adhesive film		High initial adhesion	Moderate tack	Good initial adhesion
Curing temperature	≥ 70 °C	≥ 100 °C		≥ 20 °C	≥ 130 °C	≥ 130 °C
Color uncured	translucent	translucent		translucent	translucent	black
Color cured	transparent	translucent		translucent	translucent	grey
Available thicknesses*	20 - 40 µm	15 - 200 µm		30 µm	35 µm	630 µm
Especially suitable for	PC/PET/PVC	Textile/PC/CFK		Elastomers	Metal/PEEK	Glass/Metal

*Other thicknesses on request

We advise and support you. From the outset.

Lohmann stays by your side as a competent partner – from the moment the first concept is born through to its integration in your process and beyond. Anywhere in the world and at any time. That's what we mean by our Smart Bonding Approach.



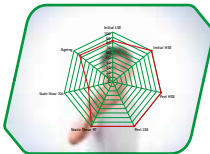
Application

Our bonding engineers analyze your requirements and find the right technical approach for your application.



Tools

We support you with countless tools and detail engineering for an efficient production process. From dispensing aids and proven cutting equipment to pick & place solutions, we are always ready to assist.



Product choice

Choose the product that is right for your application from more than 600 standard products. And if you have very precise requirements, we will develop a custom solution to suit you.



Service

Even during the production phase, we remain a constant and reliable partner. We provide services such as a full supply chain right through to traceability of the delivery or developing an efficient configuration in our Application Design Lab.

Lohmann Technology Center: We invest in the future.

Our modern technology center stands for innovation, transparency and creativity. This is where our bonding engineers test, try out and optimize your adhesive processes – and do so until they are perfected in practice. And it is also here that we offer you the type of cooperation that allows the challenges of the future to be mastered efficiently. Not to forget our High Performance Coating Line – one of the most versatile coating systems in the world.

High Performance Coating Line (HPCL)

- Ideal for processing stress-sensitive materials
- State-of-the-art coating technology
- Can be scaled directly to suit all industrial coating systems
- Optimum consistency in terms of product and process quality
- Efficient platform for innovative process and coating technology



The best bonding solution is the one that meets the precise needs of your application. And how do we find it? By advising and supporting you from the initial idea right through to its intergration in your process.

Our philosophy in three words:
smart bonding approach.

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