



Product Portfolio

High-End Adhesive Solutions
for the Automotive Industry.



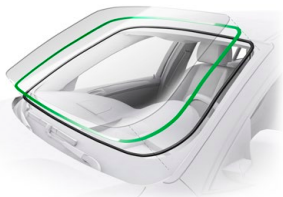
Multi-Talented Adhesives

The best range to suit your needs.

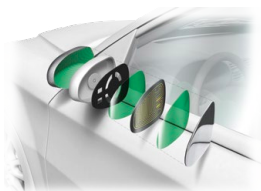
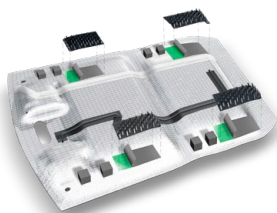
Whether for passenger cars, commercial vehicles or caravans. Whether for interior or exterior use. Lohmann adhesive tapes or films can be used to mount numerous vehicle components and offer an extensive variety of functions: tolerance compensating, cushioning, removable, transparent, electrically or 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 fingerlift, mounting films, or wipes to clean your surfaces. In short: Lohmann offers you everything from a single source.



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Mount • Bond

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

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

Product	Carrier	Adhesive covered side
DuploCOLL® 92008 G	PE foam black	Special adhesive for glass (Activator inside)
DuploCOLL® 92011 G	PE foam black	Special adhesive for glass (Activator inside)
DuploCOLL® 92116 G	PE foam black	Special adhesive for glass (Activator inside)

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

Product	Carrier	Adhesive covered side
DuploCOLL® 9042	PE foam anthracite	Pure acrylic
DuploCOLL® 9301 FN	PE foam black	Pure acrylic
DuploCOLL® 6311	PE foam black	Pure acrylic
DuploCOLL® 930	PE foam black	Pure acrylic
DuploCOLL® 931	PE foam black	Pure acrylic
DuploCOLL® 935 F	PE foam black	Pure acrylic



Adhesive open side	Thickness
Pure acrylic	0,80 mm
Pure acrylic	1,10 mm
Pure acrylic	1,60 mm

Ideal for:

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

Adhesive open side	Thickness
Pure acrylic	0,60 mm
Pure acrylic	0,80 mm
Pure acrylic	0,90 mm
Pure acrylic	0,95 mm
Pure acrylic	1,33 mm
Pure acrylic	2,00 mm

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

DuploCOLL® 9xxxx NP Range:

Double-sided PE foam tapes in four thicknesses (0.6 / 0.8 / 1.1 / 1.5 mm) imply a newly developed special adhesive with an excellent adhesive strength on the new paint systems of various OEM's.

Contact us!

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

Product	Carrier	Adhesive covered side
DuploCOLL® 5016 (F)	PE foam black	Modified acrylic
DuploCOLL® VP 7178	PE foam black	Modified acrylic
DuploCOLL® 96608 AP	PE foam black	Modified acrylic
DuploCOLL® 96614 AP	PE foam black	Modified acrylic

Double-sided and single-sided tapes for processing highly transparent / acid sensitive materials

Product	Carrier	Adhesive
DuploCOLL® 20654 OC	PET film transparent (Liner 1)	Pure acrylic
DuploCOLL® 22430 OC	PET film transparent	Pure acrylic



Adhesive open side	Thickness
Modified acrylic	0,45 mm
Modified acrylic	0,60 mm
Modified acrylic	0,80 mm
Modified acrylic	1,40 mm

Liner	Thickness
PET film transparent (Liner 2)	0,05 mm
PET film transparent	0,125 mm

Ideal for:

- Laminating of printed electronics
- Construction of capacitive surfaces
- Invisible bonding of transparent films and glass
- Optical connection of polarization films in active and passive LCD displays

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

Product	Carrier	Adhesive covered side
DuploCOLL® 21112	none	Modified acrylic
DuploCOLL® 101	none	Pure acrylic
DuploCOLL® 102	none	Pure acrylic
DuploCOLL® 103	none	Pure acrylic
DuploCOLL® 3720	Tissue paper white	Modified acrylic
DuploCOLL® VP 6504	PET film transparent	Modified acrylic
DuploCOLL® VP 65046 BLK	PET film black	Modified acrylic
DuploCOLL® VP 65047 BLK	PET film black	Modified acrylic black
DuploCOLL® 3702	PET film transparent	Modified acrylic
DuploCOLL® 7209	PET film transparent	Modified acrylic
DuploCOLL® VP 7871	PP film black	Modified acrylic
DuploCOLL® 373	PP film white	Modified acrylic



Adhesive open side	Thickness
-	0,10 mm
-	0,05 mm
-	0,10 mm
-	0,13 mm
Modified acrylic	0,13 mm
Modified acrylic	0,07 mm
Modified acrylic	0,07 mm
Modified acrylic	0,10 mm
Modified acrylic	0,13 mm
Modified acrylic	0,13 mm
Modified acrylic	0,21 mm
Modified acrylic	0,33 mm

Ideal for:

- Kick plates
- Add-on parts
- Exterior trim parts
- Exterior mirrors

Damp • Seal

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

Single-sided PE foam tapes with acrylic adhesive for NVH applications

Product	Carrier	Adhesive
DuploCOLL® 54011 DS	PE foam anthracite	Modified acrylic
DuploCOLL® 54031 DS	PE foam anthracite	Modified acrylic
DuploCOLL® VP 8224	PE foam black	Modified acrylic
DuploCOLL® 21190	PE foam black	Modified acrylic
DuploCOLL® 54022 DS	PE foam black	Modified acrylic
DuploCOLL® 54032 DS	PE foam black	Acrylic dispersion
DuploCOLL® 54024 DS	PE foam anthracite	Modified acrylic
DuploCOLL® 54033 DS	PE foam anthracite	Acrylic dispersion
DuploCOLL® 54023 DS	PE foam black	Modified acrylic
DuploCOLL® 54030 DS	PE foam black	Acrylic dispersion
DuploCOLL® 54038 DS	PE foam anthracite	Acrylic dispersion
DuploCOLL® 54029 DS	PE foam anthracite	Modified acrylic

**Customer-specific anti-noise and damping solutions:**

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

Thickness

1,13 mm

1,12 mm

1,56 mm

2,06 mm

2,13 mm

2,11 mm

3,13 mm

3,11 mm

4,00 mm

4,10 mm

8,11 mm

8,13 mm

Ideal for:

Noise reduction & sealing of:

- Sillboard coverings
- B-pillar claddings
- Roof trims
- Roof railing bases
- Radiator grills
- Spoilers
- Compartment door handles
- Cameras and lights

Single-sided PU foam tapes with acrylic adhesive for NVH applications

Product	Carrier	Adhesive
DuploCOLL® 54036	PU foam anthracite	Acrylic dispersion

Single-sided EPDM foam tapes with acrylic adhesive for NVH applications

Product	Carrier	Adhesive
DuploCOLL® 54025 DS	EPDM foam black	Modified acrylic
DuploCOLL® 54034 DS	EPDM foam black	Acrylic dispersion
DuploCOLL® 54035 DS	EPDM foam black	Acrylic dispersion
DuploCOLL® 54026 DS	EPDM foam black	Modified acrylic
DuploCOLL® 54027 DS	EPDM foam black	Modified acrylic
DuploCOLL® 54037 DS	EPDM foam black	Acrylic dispersion

Double-sided foam tapes with good damping properties

Product	Carrier	Adhesive covered side
DuploCOLL® 9192	PE foam black	Pure acrylic
DuploCOLL® 54201	PE foam black	Modified acrylic



Thickness

6,11 mm

Thickness

3,13 mm

3,10 mm

3,15 mm

5,13 mm

6,13 mm

6,10 mm

Adhesive open side	Thickness
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Pure acrylic	1,50 mm
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Modified acrylic	3,40 mm
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Tapes for cable fastening applications

Product	Carrier	Adhesive
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Single-sided nonwoven tapes

DuploCOLL® 2105 FL	Nonwoven white	Acrylic dispersion
DuploCOLL® 21003 FL	Nonwoven white	Acrylic dispersion

Single-sided foam tapes

DuploCOLL® 52055	PU foam black	Scrim-reinforced acrylic dispersion
DuploCOLL® 52065	PU foam black	Acrylic dispersion

Permelastic tapes

DuploCOLL® 6002 PT	none	Synthetic rubber
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Thickness

0,25 mm

0,30 mm

3,50 mm

3,00 mm

1,00 mm

Ideal for:

- Cable fastening on headliners

High-temperature and chemical-resistant sealing adhesive tapes

Product	Carrier	Adhesive
DuploCOLL® 15060 HCR	none	Pure acrylic
DuploCOLL® 15100 HCR	none	Pure acrylic
DuploCOLL® 15250 HCR	none	Pure acrylic

Abrasion resistant films

Product	Carrier 1	Carrier 2
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Anti-creak film + PE foam tapes

DuploCOLL® 32091	PE film nature	PE foam black
DuploCOLL® 32092	PE film nature	PE foam black
DuploCOLL® 32093	PE film nature	PE foam anthracite
DuploCOLL® 32095	PE film nature	PE foam black
DuploCOLL® 32094	PE film nature	PE foam black

Anti-creak film + PET film tapes

DuploCOLL® 3209	PE film nature	PET film transparent
DuploCOLL® 32096	PE film nature	PET film transparent



Thickness

0,06 mm
0,10 mm
0,25 mm

Ideal for:

- Sealing applications
- Noise reduction
- Self-adhesive preparation of panels, emblems, front panels and membrane switches
- Bonding to glass, metal, ceramics and high energy plastics
- PCB bonding in the electronics industry

Adhesive

Thickness

Modified acrylic	0,57 mm
Modified acrylic	1,02 mm
Modified acrylic	1,12 mm
Modified acrylic	2,12 mm
Modified acrylic	3,32 mm
Modified acrylic	0,25 mm
Modified acrylic	0,32 mm

Ideal for:

- Abrasion protection
- Corrosion protection
- Anti-creak solution

Connect • Conduct

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

Conductive tapes

Product	Carrier	Adhesive covered side
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Thermally conductive tapes

DuploCOLL® 34100 TC	Acrylic foam white	Pure acrylic
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Electrically conductive tapes

DuploCOLL® 28920 EC	none	Conductive silicone
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DuploCOLL® 28930 EC	Conductive fabric grey	Conductive pure acrylic black
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DuploCOLL® 28940 EC	Conductive fabric grey	Conductive pure acrylic black
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Double-sided adhesive tapes with film carrier

Product	Carrier	Adhesive covered side
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DuploCOLL® 3605.2	PET film transparent	Pure acrylic
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DuploCOLL® 361.2	PET film transparent	Pure acrylic
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DuploCOLL® 3702	PET film transparent	Modified acrylic
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Adhesive open side		Thickness
	Pure acrylic	0,25 mm
	–	0,05 mm
	Pure acrylic	0,11 mm
	–	0,13 mm

Ideal for:

- Mounting electronic components
- Thermal Management
- Electrical Management

Adhesive open side		Thickness
	Pure acrylic	0,11 mm
	Pure acrylic	0,15 mm
	Modified acrylic	0,13 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
DuploCOLL® 60001	PE film transparent	Pure acrylic
DuploCOLL® 60005	PE film blue	Pure acrylic

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.



Thickness

0,05 mm

0,05 mm

Ideal for:

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

DuploTEC® SBF

Structural Bonding Films

Innovative bonding techniques with Epoxy-Tape and Polyurethane Film.

DuploTEC® SBF (Structural 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.



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



Polyurethane Film

High-performance polyurethane adhesive system.

- Solvent-free, dry bonding film
- Latent reactive with structural bonding characteristics
- Curing within seconds at low hardening temperatures
- Individual and precise adhesive dimensions
- Stays elastic & flexible after hardening
- High heat and chemical resistance
- Pre-applicable on substrates at low temperature (< curing temperature)



Epoxy-Tape

Thermosetting Epoxy-Tape.

- Bonding film with high immediate adhesion
- Reactive adhesive tapes with flexible characteristics ranging up to high strength or structural adhesive bonds
- As easy to handle as a conventional tape
- Compensation of the highest static and dynamic loads
- Extremely resistant to aging and chemicals
- High-temperature resistant

Structural Bonding Solutions

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

	Epoxy-Tapes		
Technology	Epoxy	Epoxy	
Adhesive	LomaCOLL® TS 83	LomaCOLL® TS 82	
Initial adhesion	Moderate tack	Good initial adhesion	
Curing temperature	≥ 130 °C	≥ 130 °C	
Color uncured	translucent	black	
Color cured	translucent	grey	
Available thicknesses*	35-100 µm	70-2000 µm	
Especially suitable for	Metal/PEEK	Glass/Metal	
Carrier	no	no	
Product range	DuploTEC® 104xx SBF	DuploTEC® 106xx SBF	

*Other thicknesses on request

For further information concerning our Epoxy-Tape solutions please visit www.epoxy-tape.com

Polyurethane Films

	Polyurethane	Polyurethane
	LomaCOLL® TS 41	LomaCOLL® TS 43
	Dry adhesive film	Dry adhesive film
	≥ 70 °C	≥ 100 °C
	translucent	translucent
	transparent	translucent
	15-100 µm	15-200 µm
	PC/PET/PVC	Textile/PC/CFK
	no	no yes
	DuploTEC® 120xx SBF	DuploTEC® 68x SBF DuploTEC® 69x SBF

Smart Bonding Approach

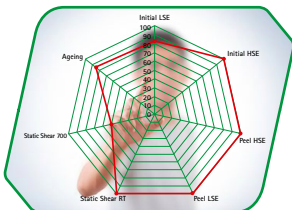
We advise and support you. From the outset.

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.



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.



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.



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 and the processed materials.

Space for Innovation

Lohmann TEC Center: We invest in the future.

Our modern technology center at our headquarters in Neuwied stands for innovation, transparency and creativity. With more than 1,200 m² it provides room to state-of-the-art laboratories as well as open conference rooms. 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

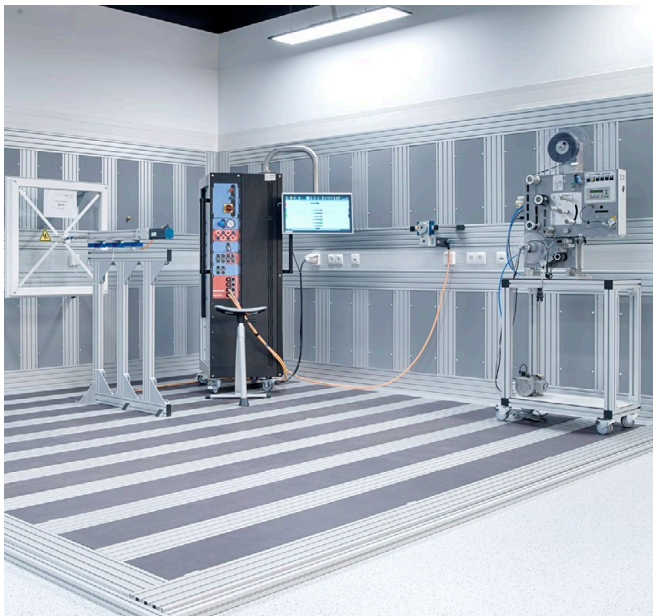




Space for Innovation

The Bonding Arena®

On 300 m² there is plenty of room for new ideas. In the Bonding Arena® our experts develop surprising and convincing solutions. Because they have space to think ahead. And look closer. The highest possible openness, combined with the latest and most modern technology ensures a working environment where innovation can be lived - and bonded. The novelties in our Bonding Arena® are manifold. For instance, significantly more possibilities for the DuploTEC® SBF systems exist. These, as well as all other adhesive solutions from Lohmann are tested and made graspable at so-called workstations. So it can be immediately tested which could be the right solution for the customer. Thus, the Smart Bonding Approach can also be implemented in the Bonding Arena®.





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.

Lohmann GmbH & Co. KG
Irlicher Strasse 55
56567 Neuwied/Germany
Telefon: +49 2631 34-0
Fax: +49 2631 34-6661
transportation@lohmann-tapes.com
www.lohmann-tapes.com

76112/0818/en