

Duplocoll® 5016

Art. No. 11 751 L 02

Double-sided pressure sensitive adhesive mounting tape with a modified acrylic adhesive and a compressible foam carrier

Product construction

	Name	Colour	Thickness [mm]
Liner	Silicone paper	yellow	approx. 0,08
Adhesive closed side	Modified acrylic		approx. 0,45
Carrier	Polyethylene foam	black	
Adhesive open side	Modified acrylic		
Total thickness:			approx. 0,53

Product advantages

- High initial adhesion (tack)
- High shear strength
- Excellent resistance to ageing, weathering and UV-radiation
- Extensive resistance to the influence of chemicals and solvents (domestic cleaners and polishing agents)
- On account of its compressible and elastic foam carrier the adhesive tape assures a perfect adaptation to surfaces by compensating for different expansion coefficients of the substrates that are joined.
- Suitable for indoor and outdoor applications on smooth and slightly rough surfaces.

Main application fields

- Self-adhesive preparation of extruded plastic and cover profiles for a permanent mounting in the furniture industry
- Mounting of decorative parts, doublings, stay bars on the most various decoration surfaces and on glass
- Fastening of face plates, holders and cable ducts in the phono-, household appliances-, and electro industry
- Self-adhesive preparation of nameplates and signs
- Mounting of exterior and interior mirrors in plastic housings in the automotive industry. Shatter protection!

Product features

Applicability on

Initial adhesion (tack)	● ● ●	Foam	○ ○ ○
Final adhesion	● ● ○	Rubber	● ● ○
Dimensional stability	● ● ●	Fabric	● ● ●
Adhesion on even surfaces	● ● ●	Glass/Ceramics	● ● ●
Adhesion on rough surfaces	● ● ○	Wood	● ● ●
Ageing resistance	● ● ○	High energy plastics: PVC, PC, ABS,...	● ● ●
Weathering resistance	● ● ○	Low energy plastics: PE, PP,...	● ● ○
Chemical resistance	● ● ○	Metal	● ● ●
Resistance to plasticizers	● ● ●	Paper/Cardboard	● ● ●

● ● ● very suitable

● ● ○ suitable

● ○ ○ suitable with reductions

○ ○ ○ not suitable

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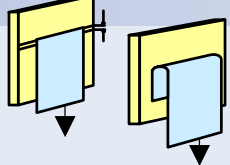
Specific technical data*	
Peel strength according to DIN EN 1939 after 24 hours storage at room temperature on lacquer:	39 N/25 mm
Resistance to plasticizers: Peel strength on steel according to DIN EN 1939 after 7 days storage at 70 °C	13 N/25 mm
Hydrolysis resistance: Peel strength according to DIN EN 1939 after 7 days storage at 38 °C, 100 % relative humidity on	
Steel	38 N/25 mm
Polypropylene	30 N/25 mm
Ageing resistance: Dynamic shear strength after 24 hours storage at room temperature on lacquer	546 N/375 mm ²

* Specific test results, statistically not approved.

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Technical Data		
Shear strength	on steel according to DIN EN 1943, edition 1996, at +23 °C +/- 2°C	40 N/625 mm ²
Peel strength	on steel according to DIN EN 1939, edition 1996, at +23 °C +/- 2°C	36 N/25 mm
Temperature range		-40 °C to + 90 °C



Application	
Recommended application temperature	18 °C to 35 °C
Application guidelines	www.lohmann-tapes.com

Storage
Adhesive tapes should be stored at room temperature and normal humidity (50 – 70%). The storage stability is one year after delivery.

Product presentation		
Converted product	Rolls	Spools on request
Width [mm]	> 6	> 12
Length [m]	50	100/200
Max. log width: 1000 mm	Other dimensions, die-cuts and sheets on request	

For mechanical mounting of this adhesive tape we also offer a wide range of application devices.

Variants	Duplocoll® 5015	
	Name	Thickness [mm]
Liner	Silicone paper yellow	0,08
Adhesive covered side	Modified acrylic	0,45
Carrier	Polyethylene foam white	
Adhesive open side	Modified acrylic	

The physical characteristics contained in our data sheets represent typical or average values. They do not represent any warranties or guarantees and must not be used for technical specification purposes. All application related statements, information and recommendations herein are given to the best of our knowledge and practical experience. The buyer is responsible for determining the suitability of the specific tape for its intended use in connection with user's method of application. Please consult our Technical Applications Department for specific advice. Our general Term and Conditions of Sale apply, particularly with regard to warranty and liability.

Date of issue: June 2004

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