

DuploCOLL® 21135

Art. No. 11 03 14

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 film	yellow	approx. 0,10
Adhesive covered side	Modified acrylic	transparent	
Carrier	Polyethylene foam	black	approx. 0,80
Adhesive open side	Modified acrylic	transparent	
Total thickness:			approx. 0,90

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 adaption 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 the 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	● ● ●	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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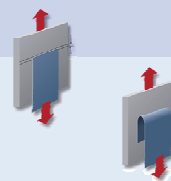
Specific technical data*

Temperature range -40°C to +90 °C

* Specific test results, statistically not approved.

Technical Data

Shear strength	on steel according to DIN EN 1943, edition 1996, at +23 °C +/- 2°C	80 N/625mm ²
Peel strength	on steel according to DIN EN 1939, edition 1996, at +23 °C +/- 2°C	52 N/25mm



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		
Width [mm]						
Length [m]						
Max. log width: 1260 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.

The physical characteristics contained in our data sheets represent typical or average values. All application related statements, information and recommendations herein are given to the best of our knowledge and practical experience. Many factors beyond our control and uniquely within buyer's knowledge and control can affect the use and performance of our tape in a particular application. WE MAKE NO WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. Solely the buyer is responsible for determining the suitability of the specific tape for its intended use in connection with his method of application. Except where prohibited by law, we will not be liable for any loss or damage arising from the our tapes, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability. Please consult our Technical Applications Department for specific advice.

Date of issue: February 2015

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Concerning product safety (confirmation, conformity to guidelines, REACH, etc.) please use the following

E-mail address: product.safety@lohmann-tapes.com