

DuploCOLL® 5011

Art. No. 11 00 80

Double-sided adhesive mounting tape with modified acrylic adhesive and foam carrier

Product construction

	Name	Colour	Thickness [mm]
Liner	PE paper	white	approx. 0,16
Adhesive covered side	Modified acrylic		
Carrier	Polyethylene foam	white	approx. 1,00
Adhesive open side	Modified acrylic		
Total thickness:			approx. 1,16

Product advantages

- Good initial and final adhesion
- Good ageing resistance
- Extensive resistance to the influence of chemicals (domestic cleaning materials and polishing agents)
- The combination of modified acrylic adhesive and compressible polyethylene foam guarantees a very good bonding even on rough and uneven surfaces.

Main application fields

- Bonding of displays and product samples
- Making extruded plastic profiles self-adhesive

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
Rising heat test** at a steel-PET-bonding, beginning at 20 °C, increasing temperature every 30 min. by 10 °C	no loss of adhesion up to 70 °C
Peel strength on polypropylene after 24 h at room temperature	12 N/25 mm

* Specific test results, statistically not approved.

** Reached temperature in a rising heat test according to the internal test method PM-211 following DIN EN 1943 at 0,5 kg strength, beginning at 30 °C, increasing of temperature every 30 minutes by 10 °C.

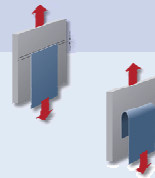
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Technical Data

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	22 N/25 mm (foam rupture)



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]	> 6	> 9		on request		
Length [m]	50	50/100				
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. 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.

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Concerning product safety (confirmation, conformity to guidelines, REACH, etc.) please use the following
E-mail address: products.safety@lohmann-tapes.com

