

DuploCOLL® 370

Art. No. 11 01 50

Double-sided pressure sensitive adhesive mounting tape

Product construction			
	Name	Colour	Thickness [mm]
Liner	Silicone paper	yellow	approx. 0,08
Adhesive covered side	Modified acrylic		
Carrier	PVC film	white	approx. 0,23
Adhesive open side	Modified acrylic		
Total thickness:			approx. 0,31

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 cleaning material and polishing agents)
- Due to the high adhesive coating weight the adhesive adapts to surface contours, even on rough surfaces, such as chip board

Main application fields

- Self-adhesive preparation of extruded plastic and cover profiles for permanent mounting in the furniture industry
- Mounting of decorative parts and stay bars
- Fastening of face plates, holders and cable ducts
- Mounting of exterior and interior mirrors in plastic housings in the automotive industry

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 +80 °C
Adhesive strength in accordance with DIN EN 1939 after 24 hours at room temperature on different substrates:	
Soft-PVC	26 N/25 mm
Polypropylene	26 N/25 mm
Polyethylene	20 N/25 mm
PTFE	6 N/25 mm
Hard-PVC	42 N/25 mm
Glass	44 N/25 mm
Steel	45 N/25 mm
ABS	34 N/25 mm
Rising heat test at 1 kg strength, beginning at 30 °C, increasing of temperature every 30 minutes by 10 °C	100 °C

* Specific test results, statistically not approved.

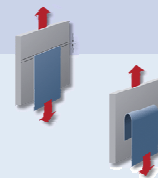
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Technical Data

Shear strength	on steel according to DIN EN 1943, edition 1996, at +23 °C +/- 2°C	60 N/625 mm ²
Peel strength	on steel according to DIN EN 1939, edition 1996, at +23 °C +/- 2°C	37 N/25 mm



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	> 15	> 19	4-6	7-8	9-14	15	19
Length [m]	50/100	200	300	5000	4000	3000	2000	1500
Max. log width: 1260 mm	Other dimensions 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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For further Information

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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