

DuploCOLL® 370

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 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.

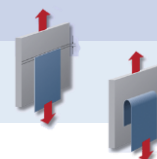
** Reached temperature in a rising heat test.

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Technical Data

Shear strength	on stainless steel at +23 °C +/- 2°C	60 N/625 mm ²
Peel strength 180°	on stainless steel 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				
	> 6	> 15	> 19	4-6	7-8	9-14	15	19
Width [mm]								
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.

IMPORTANT NOTE

The physical characteristics contained in this data sheet 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. EXCEPT AS EXPRESSIVELY AGREED IN WRITING WE DO NOT TAKE OVER ANY WARRANTY OR LIABILITY FOR THE SUITABILITY OR USABILITY OF OUR TAPES FOR CERTAIN PURPOSES AND APPLICATIONS RESULTING FROM BUYER'S SPECIAL USAGE OF THE TAPES. EXCEPT WHERE PROVIDED BY MANDATORY LEGAL PROVISIONS, WE WILL NOT BE LIABLE FOR ANY DIRECT OR INDIRECT MATERIAL OR IMMATERIAL LOSSES OR DAMAGES ARISING FROM THE USAGE OR APPLICATION OF OUR TAPES. Solely the buyer is responsible for determining the suitability of the specific tape for its use in connection with his method of application. Please consult our Technical Applications Department for specific advice.

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