

Duplocoll® 370

Art. No. 11 731 I 01

Double-sided pressure sensitive adhesive mounting tape

Product construction

	Name	Colour	Thickness [mm]
Liner	Silicone paper	yellow	approx. 0,08
Adhesive closed 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

Initial adhesion (tack)	● ● ●
Final adhesion	● ● ○
Dimensional stability	● ● ●
Adhesion on even surfaces	● ● ●
Adhesion on rough surfaces	● ● ●
Ageing resistance	● ● ○
Weathering resistance	● ● ○
Chemical resistance	● ● ○
Resistance to plasticizers	● ● ○

Applicability on

Foam	● ○ ○
Rubber	● ○ ○
Fabric	● ● ●
Glass/Ceramics	● ● ●
Wood	● ● ●
High energy plastics: PVC, PC, ABS,...	● ● ●
Low energy plastics: PE, PP,...	● ○ ○
Metal	● ● ●
Paper/Cardboard	● ● ●

● ● ● very suitable

● ● ○ suitable

● ○ ○ suitable with reductions

○ ○ ○ not suitable

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Specific technical data*

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

Rising heat test at 1 kg strength, beginning at 30 °C, increasing of temperature every 30 minutes by 10 °C

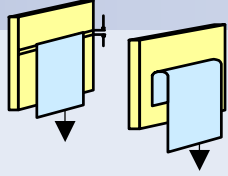
100 °C

* 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
Temperature range		-40 °C to + 80 °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				
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: 1200 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® 371			Duplocoll® 373	
	Name	Thickness [mm]	Name	Thickness [mm]	
Liner	Polyethylene film yellow	0,08	Silicone paper yellow	0,09	
Adhesive covered side	Modified acrylic	0,23	Modified acrylic	0,33	
Carrier	PVC film white		Polypropylene film white		
Adhesive open side	Modified acrylic		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.

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