

DuploCOLL® 12371

Solvent-free double-sided pressure sensitive adhesive tape with a scrim carrier

Product construction			
	Name	Colour	Thickness [mm]
Liner	Silicone paper	yellow	approx. 0,08
Adhesive covered side	Dispersion acrylic		
Carrier	Scrim		approx. 0,09
Adhesive open side	Dispersion acrylic		
Total thickness:			approx. 0,17

Product advantages

- High initial adhesion (tack)
- The soft consistency of the modified acrylic adhesive allows it to penetrate deeply into the pores of the bonding material
- Resistance to UV-radiation and ageing
- The silk mesh netting reinforces and stabilises flexible materials.
- Elongation during the mounting process is avoided.

Main application fields

- Suitable for all rough and flexible substrates
- Foam lamination at room temperature
- Self-adhesive preparation of felts, polyurethane, PVC and polyethylene foams
- Bonding of extruded rubber profiles, EPDM

Product features

Applicability on

Initial adhesion (tack)	● ● ●	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

Specific technical data*

Temperature range	-40 °C to +100 °C
Temperature range under stress	-40 °C to +60 °C**

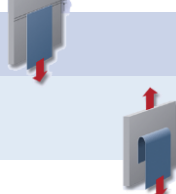
* Specific test results, statistically not approved.

** Reached temperature in a rising heat test.

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Technical Data		
Shear strength	on stainless steel at +23 °C +/- 2°C	6 N/625 mm ²
Peel strength 180°	on stainless steel at +23 °C +/- 2°C	27 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
Width [mm]	
Length [m]	
Max. log width: 1020 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.	

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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 **Lohmann**
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