

DuploCOLL® 5015

Art. No. 11 00 81

Double-sided pressure sensitive adhesive mounting tape with a modified acrylic adhesive and a compressible foam carrier

Product construction			
	Name	Colour	Thickness [mm]
Liner	Silicone paper	yellow	approx. 0,08
Adhesive covered side	Modified acrylic		
Carrier	Polyethylene foam	white	approx. 0,45
Adhesive open side	Modified acrylic		
Total thickness:			approx. 0,53

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 cleaners and polishing agents)
- On account of its compressible and elastic foam carrier the adhesive tape assures a perfect adaptation to surfaces by compensating for different expansion coefficients of the substrates that are joined.
- Suitable for indoor and outdoor applications on smooth and slightly rough surfaces.

Main application fields

- Self-adhesive preparation of extruded plastic and cover profiles for a permanent mounting in the furniture industry
- Mounting of decorative parts, doublings, stay bars on the most various decoration surfaces and on glass
- Fastening of face plates, holders and cable ducts in the phono-, household appliances-, and electro industry
- Self-adhesive preparation of nameplates and signs
- Mounting of exterior and interior mirrors in plastic housings in the automotive industry. Shatter protection!

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

Adhesive strength in accordance with DIN EN 1939 after 24 hours at room temperature on different substrates:

Polypropylene 11 N/25 mm

Polyethylene 5 N/25 mm

PVC 29 N/25 mm

Adhesive strength at room temperature in accordance with DIN EN 1939 after 7 days storage at 38 °C and 100 % relative humidity of air on steel:

38 N/25 mm

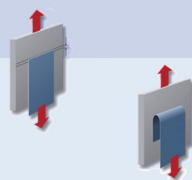
* Specific test results, statistically not approved.

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Technical Data		
Shear strength	on steel according to DIN EN 1943, edition 1996, at +23 °C +/- 2°C	40 N/625 mm ²
Peel strength	on steel according to DIN EN 1939, edition 1996, at +23 °C +/- 2°C	40 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]	> 6	> 12	
Length [m]	50	100/200	
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.

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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