

DuploCOLL® 918

Art. No. 11 00 50

Double-sided adhesive foam tape for mounting and permanent fastening on virtually all smooth and slightly uneven surfaces

Product construction			
	Name	Colour	Thickness [mm]
Liner	Polyethylene paper	blue	approx. 0,15
Adhesive covered side	Pure acrylic		
Carrier	Polyethylene foam	white	approx. 1,00
Adhesive open side	Pure acrylic		
Total thickness:			approx. 1,15

Product advantages

- Maximum resistance to ageing, UV-radiation, weathering and plasticizers.
- The foam carrier does not turn yellow and keeps a permanent elasticity.
- The high initial adhesion (tack) offers a reliable bond immediately after application. Maximum final adhesion is reached after approx. 24 hours.
- DuploCOLL® 918 absorbs vibration and compensates for different expansion coefficients of the substrates that are joined.
- DuploCOLL® 918 is recommended by manufacturers of glass and plastic mirrors on account of its inert behavior in contact with a wide variety of mirror paints.

Main application fields

- Mounting mirrors in the manufacture of bedroom, living room, bathroom and hall furniture
- Mounting of PVC stay bars
- Mounting of small devices and hooks on tiles and smooth walls
- Mounting of cable channels

Product features

Applicability on

Initial adhesion	● ● ○	Foam	○ ○ ○
Final adhesion	● ● ●	Rubber	○ ○ ○
Dimensional stability	○ ○ ○	Lacquer	● ● ●
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 test results, statistically not approved.

** Reached temperature in a rising heat test according to the internal test method PM-211 following DIN EN 1943 at 0,5 kg strength, beginning at 30 °C, increasing of temperature every 30 minutes by 10 °C

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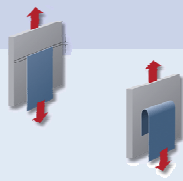
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Specific technical data*

Temperature range	-40 °C to +95 °C
Temperature range in a rising heat test	-40 °C to +110 °C

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	23 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 two years after delivery.

Product presentation

Converted product	Rolls		Spools	
Width [mm]	> 6	> 9		
Length [m]	50	50/100	on request	
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.

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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Lohmann GmbH & Co. KG
Irlicher Strasse 55
56567 Neuwied
Germany
Phone: + 49 (0) 26 31 34 - 0
Fax: + 49 (0) 26 31 34 - 6661
E-mail: info@lohmann-tapes.com

For further Information
www.lohmann-tapes.com



Concerning product safety (confirmation, conformity to guidelines, REACH, etc.) please use the following
E-mail address: products.safety@lohmann-tapes.com