

DuploCOLL® 43102

Art. No. 11 01 85

Double-sided adhesive mounting tape with fabric carrier and acrylic adhesive

Product construction

	Name	Colour	Thickness [mm]
Liner	Silicone paper	yellow	approx. 0,08
Adhesive covered side	Dispersion acrylic		
Carrier	Fabric		approx. 0,26
Adhesive open side	Dispersion acrylic		
Total thickness:			approx. 0,35

Product advantages

- Aggressive adhesive with high initial and final adhesion
- Good resistance to ageing and UV radiation
- Fabric carrier prevents elongation and allows easy removal without leaving residues

Main application fields

- Self-adhesive preparation of rubber goods (mouldings, profiles etc.)
- Fixing dry abrasive paper to grinding disks
- Exhibition and general interior finishing
- Making plastic and wood profiles self-adhesive
- Fastening of advertising media and displays

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 +150 °C**

Peel strength according to DIN EN 1939 after 24 hours storage at room temperature on

Hart-PVC 14 N/25 mm

Weich-PVC 7 N/25 mm

Polypropylene 13 N/25 mm

Polyethylene 8 N/25 mm

EPDM 2 N/25 mm

* 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.

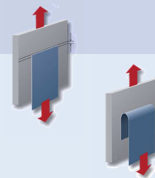
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Technical Data

Shear strength	on steel according to DIN EN 1943, edition 1996, at +23 °C +/- 2 °C	6 N/625 mm ²
Peel strength	on steel according to DIN EN 1939, edition 1996, at +23 °C +/- 2 °C	15 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		
Width [mm]	>4	>6		on request		
Length [m]	50	100/200/300				
Max. log width: 1500 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 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

 **Lohmann**
 The Bonding Engineers