

DuploCOLL® 21003 FL

White, single-sided PSA tape with transparent adhesive and a nonwoven carrier

Product construction

	Name	Colour	Thickness [mm]
Liner	Silicone paper	yellow	approx. 0,08
Adhesive	Acrylic dispersion		approx. 0,30
Carrier	Polyester nonwoven	white	
		Total thickness:	approx. 0,38

Product advantages

- The dispersion acrylic adhesive features by excellent initial adhesion (tack). Due to its soft texture the adhesive is able to permeate into the pores of substrates. Therefore, the effective bonding surface is increased by a multiple.
- Resistant against ageing and UV-radiation
- High flexibility and design adaptability
- Low emissions
- The optionally available fingerlift on this adhesive tape enables an easy remove of the liner.

Main application fields

- Fixing and protection of cables on roof linings
- Efficient protection against abrasion of flat cables

Product features

Initial adhesion	● ● ●
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

Specific technical data*

Temperature range -40 °C to +120 °C

* Specific test results, statistically not approved.

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Technical Data

Peel strength	on steel according to DIN EN 1939, edition 1996, at +23 °C +/- 2°C	25 N/25 mm
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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]	50				
Length [m]	100				
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.

Date of issue: December 2021

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