

For the preparation of a preliminary data sheet, there are not yet enough measured values and/or production runs to determine statistically validated average/limit values. In individual cases, the repeatability in terms of production technology is not yet ensured.

## DuploCOLL® 13109 LE

**Solvent-free, low emission double-sided pressure sensitive adhesive tape with water based acrylic adhesive and scrim carrier**

Product construction			
	Name	Colour	Thickness [mm]
Liner	Siliconized paper	yellow	approx. 0,08
Adhesive covered side	Dispersion acrylic		
Carrier	Silk mesh netting	white	approx. 0,09
Adhesive open side	Dispersion acrylic		
<b>Total thickness:</b>			approx. 0,17

### Product advantages

- High initial adhesion (tack)
- Improved air quality due to low odour ingredients and low emissions
- Compliance with defined limits of substances according to VDA 278
- Excellent adhesion on a variety of substrates including low energy surfaces
- Due to its soft consistency, the acrylic adhesive penetrates deep into the pores of the material.
- The silk mesh netting reinforces and stabilises flexible materials.

### Main application fields

- Lamination of textiles, foams and various damping materials
- Bonding of heating systems, e.g. in seats, armrests and steering wheels

### Specific technical data\*\*

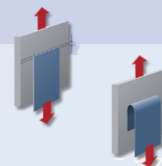
Temperature range -40 °C to +100 °C

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## Technical Data

<b>Shear strength</b>	on steel according to DIN EN 1943, edition 1996, at +23 °C +/- 2°C	6 N/625 mm <sup>2</sup>
<b>Peel strength</b>	on steel according to DIN EN 1939, edition 1996, at +23 °C +/- 2°C	≥ 20 N/25 mm



## Application

<b>Recommended application temperature</b>	18 °C to 35 °C
<b>Application guidelines</b>	<a href="http://www.lohmann-tapes.com">www.lohmann-tapes.com</a>

## 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
<b>Width [mm]</b>		
<b>Length [m]</b>		
<b>Max. log width: 1020 mm</b>	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: August 2020