

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® 59103.5 LE

Solvent-free pressure sensitive adhesive tape with filmic carrier, UV-acrylic adhesive and low VOC properties

Product construction

	Name	Colour	Thickness [mm]
Liner	Siliconized paper	white	approx. 0,08
Adhesive covered side	Modified UV-acrylic		
Carrier	PET film	transparent	approx. 0,11
Adhesive open side	Modified UV-acrylic		
Total thickness:			approx. 0,19

Product advantages

- High initial adhesion (tack)
- Improved air quality due to low odour ingredients and low VOC properties
- Good adhesion on low energy surfaces.
- Good temperature stability
- Excellent die-cutting properties
- Test reports regarding emission values according to VDA standards from an accredited institute are available on request.

Main application fields

- Lamination of textiles, foams and various damping materials
- Bonding of heating systems, e.g. in seats, armrests and steering wheels
- Mounting of functional and trim parts in the car interior

Specific technical data*

Temperature range -40 °C to +120 °C**

* Specific test results, statistically not approved.

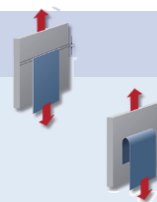
** Reached temperature in a rising heat test with 0,5 kg load

DuploCOLL® 59103.5 LE

Solvent-free pressure sensitive adhesive tape with filmic carrier, UV-acrylic adhesive and low VOC properties

Technical Data

Shear strength	on stainless steel at +23 °C +/- 2°C	30 N/625 mm²
Peel strength 180°	on stainless steel at +23 °C +/- 2°C	33 N/25 mm
	on PP 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]		
Length [m]		
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.

Date of issue: May 2023