

When creating a preliminary data sheet, there are not yet enough measured values and/or production runs available to determine statistically validated average/limit values. In individual cases, production repeatability is not yet ensured.

DuploCOLL® 59511.5 LE

Solvent-free pressure sensitive adhesive tape with PE foam 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	PE foam	black	approx. 1,10
Adhesive open side	Modified UV-acrylic		
		Total thickness: approx. 1,18	

Product advantages

- High initial adhesion (tack)
- Improved air quality due to low odour ingredients and low VOC properties
- Good adhesion on a variety of substrates including low energy surfaces
- The DuploCOLL® LE adhesive in combination with the flexible and elastic PE foam carrier enables the adjustment of component tolerances and the compensation of different thermal expansion of the substrates.
- Good processability due to dimensionally stable construction
- Test reports regarding emission values according to VDA standards from an accredited institute are available on request.

Main application fields

- Mounting of functional and trim parts in the car interior

Specific technical data*

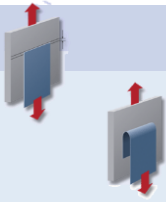
Temperature range -40 °C to +100 °C**

* Specific test results, statistically not approved.

** Reached temperature in a rising heat test.

DuploCOLL® 59511.5 LE

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

Technical Data			
Shear strength	on stainless steel at +23 °C +/- 2°C	25 N/625 mm²	
Peel strength 180°	on stainless steel at +23 °C +/- 2°C on PP at +23 °C +/- 2°C	30 N/25 mm 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