

# DuploCOLL® 6311

Double-sided adhesive mounting tape with closed-cell polyethylene copolymeric foam and high loading capacity

Product construction			
	Name	Colour	Thickness [mm]
Liner	Polyethylene paper,	white	approx. 0,16
Adhesive covered side	Pure acrylic		
Carrier	Polyethylene vinylacetate copolymeric foam	black	approx. 0,90 ±0,1
Adhesive open side	Pure acrylic		
<b>Total thickness:</b>			approx. 1,06

## Product advantages

- High final adhesion.
- Appropriate initial adhesion (tack).
- High resistance to temperature, ageing, UV-radiation and weathering.
- Excellent resistance to solvents and plasticizers.
- The compressible, permanently resilient foam carrier gives an extremely effective adhesion immediately after application even on rough and slightly uneven surfaces.
- DuploCOLL® 6311 absorbs vibration and compensates for different expansion coefficients of substrates that are joined.

## Main application fields

- Permanent bonding of decorative and functional trims, nameplates, emblems, face plates, holder and extruded rubber profiles in the automotive industry.

## Product features

## Applicability on

Initial adhesion	● ● ○	Foam	○ ○ ○
Final adhesion	● ● ●	Rubber	○ ○ ○
Dimensional stability	● ○ ○	Lacquer	● ● ●
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 +95 °C
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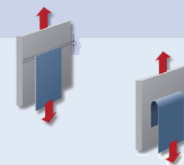
\* Specific test results, statistically not approved.

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## Technical Data

<b>Shear strength</b>	on steel according to DIN EN 1943, edition 1996, at +23°C +/- 2°C	60 N/625 mm <sup>2</sup>
<b>Peel strength</b>	on steel according to DIN EN 1939, edition 1996, at +23°C +/- 2°C	26 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 two years after delivery.

## Product presentation

<b>Converted product</b>	Rolls	Spools
<b>Width [mm]</b>	> 6	on request
<b>Length [m]</b>	50	
<b>Max. log width: 1260 mm</b>	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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