

# DuploCOLL® 12371

Art. No. 11 00 63

**Solvent-free, environmentally friendly double-sided pressure sensitive adhesive tape with a scrim carrier**

## Product construction

	Name	Colour	Thickness [mm]
Liner	Silicone paper	yellow	approx. 0,08
Adhesive covered side	Dispersion acrylic		
Carrier	Silk mesh netting		approx. 0,09
Adhesive open side	Dispersion acrylic		
Total thickness:			approx. 0,17

## Product advantages

- APEO-free
- Low formaldehyde concentration
- High initial adhesion (tack)
- The soft consistency of the modified acrylic adhesive allows it to penetrate deeply into the pores of the bonding material
- Resistance to UV-radiation and ageing
- The silk mesh netting reinforces and stabilises flexible materials.
- Elongation during the mounting process is avoided.

## Main application fields

- Suitable for all rough and flexible substrates
- Foam lamination at room temperature
- Self-adhesive preparation of felts, polyurethane, PVC and polyethylene foams
- Bonding of extruded rubber profiles, EPDM

## Product features

## Applicability on

Initial adhesion (tack)	● ● ●	Foam	● ● ●
Final adhesion	● ● ○	Rubber	● ● ●
Dimensional stability	● ● ○	Fabric	● ● ○
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 +100 °C

**Temperature range under stress** -40 °C to +60 °C\*\*

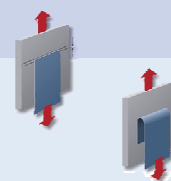
**Formaldehyde emission in accordance with VDA 275** < 8 ppm

\* Specific test results, statistically not approved.

\*\* Reached temperature in a rising heat test according to the internal test method PM-211 following DIN EN 1943 at 0,5 kg strength, beginning at 30 °C, increasing of temperature every 30 minutes by 10 °C

## 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	27 N/25 mm



## Application

**Recommended application temperature** 18 °C to 35 °C

**Application guidelines** [www.lohmann-tapes.com](http://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

<b>Converted product</b>	Rolls				
<b>Width [mm]</b>					
<b>Length [m]</b>					
<b>Max. log width: 1020 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.

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## **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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