

DuploCOLL® 9042

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

Product construction			
	Name	Colour	Thickness [mm]
Liner	Polyethylene paper	white	approx. 0,16
Adhesive covered side	Pure acrylic		approx. 0,60 ±0,03
Carrier	Polyethylene vinylacetate copolymeric foam	anthracite	
Adhesive open side	Pure acrylic		
			Total thickness: approx. 0,76

Product advantages


- Excellent initial adhesion (tack)
- High final adhesion
- Resistance to temperature, UV radiation, weathering, ageing, solvents and plasticizers
- DuploCOLL® 9042 has a vibration dampening effect.
- DuploCOLL® 9042 fulfills specifications in the automotive industry for interior and exterior applications.

Main application fields

- Fastening of nameplates and emblems in the automotive industry
- Mounting of slightly uneven substrates

Product features		Applicability on	
Initial adhesion (tack)	● ● ○	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	

Specific technical data*

Temperature range	-40 °C to +125 °C
Temperature range in a rising heat test	-40 °C to +150 °C
Flammability according to FMVSS 302** on a 2 mm aluminum plate	Fulfilled
Certified and recognized according to UL 746C 	

* Specific test results, statistically not approved.

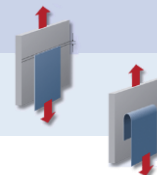
** Flammability behavior must be tested on the particular substrates.

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Technical Data

Shear strength	on stainless steel at +23 °C +/- 2°C	40 N/625 mm ²
Peel strength 180°	on stainless steel at +23 °C +/- 2°C	22 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 two years after delivery.

Product presentation

Converted product	Rolls	Spools on request
Width [mm]	> 5	> 9
Length [m]	50	100
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.

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