

Duplocoll® 5009

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Art. No. 11 251 O 01

Double-sided adhesive mounting tape with foam carrier and aggressive synthetic rubber adhesive

Product construction

	Name	Colour	Thickness [mm]
Liner	Silicone paper	white	approx. 0,08
Adhesive closed side	Synthetic rubber		approx. 1,00
Carrier	Polyethylene foam	white	
Adhesive open side	Synthetic rubber		
Total thickness:			approx. 1,08

Product advantages

- Very high initial adhesion (tack)
- Good specific adhesion on covalent substrates such as polyethylene and polypropylene
- Excellent final strength
- Developed for interior applications
- The combination of a synthetic rubber and a permanently resilient polyethylene foam guarantees a very good bonding even on rough and structured surfaces.

Main application fields

- Mounting of hooks, holders and dispensers in the sanitary area
- Self-adhesive preparation of covalent plastics such as polyolefins and Teflon
- Bonding of displays and product samples
- Mirrors in the furniture industry

Product features

Initial adhesion (tack)	● ● ●
Final adhesion	● ● ●
Dimensional stability	● ○ ○
Adhesion on even surfaces	● ● ●
Adhesion on rough surfaces	● ● ●
Ageing resistance	○ ○ ○
Weathering resistance	○ ○ ○
Chemical resistance	● ○ ○
Resistance to plasticizers	● ○ ○

Applicability on

Foam	○ ○ ○
Rubber	● ● ○
Fabric	● ● ○
Glass/Ceramics	● ● ●
Wood	● ● ●
High energy plastics: PVC, PC, ABS,...	● ● ●
Low energy plastics: PE, PP,...	● ● ●
Metal	● ● ●
Paper/Cardboard	● ● ●

● ● ● very suitable

● ● ○ suitable

● ○ ○ suitable with reductions

○ ○ ○ not suitable

Specific technical Data*

Peel strength on polypropylene after 24 h at room temperature 25 N/25 mm

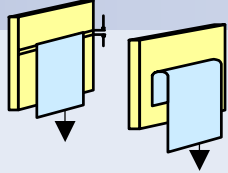
Rising heat test at a steel-PET-bonding, beginning at 30 °C, increasing temperature every 10 min. by 10 °C 70 °C

* Specific test results, statistically not approved.

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Technical Data		
Shear strength	on steel according to DIN EN 1943, edition 1996, at +23 °C +/- 2°C	120 N/625 mm ²
Peel strength	on steel according to DIN EN 1939, edition 1996, at +23 °C +/- 2°C	foam rupture
Temperature range		-40 °C to +70 °C



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 six months after delivery.

Product presentation			
Converted product	Rolls		Spools
Width [mm]	> 6	> 9	6-19
Length [m]	50	100	750
Max. log width: 1200 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.			

Variants	Duplocoll® 5003 LSE		Duplocoll® 5011	
Liner	Silicone paper white printed	0,08	PE paper white	0,16
Adhesive closed side	Synthetic rubber	0,80	Modified acrylic	1,00
Carrier	PE foam white		PE foam white	
Adhesive open side	Synthetic rubber		Modified acrylic	

The physical characteristics contained in our data sheets represent typical or average values. They do not represent any warranties or guarantees and must not be used for technical specification purposes. All application related statements, information and recommendations herein are given to the best of our knowledge and practical experience. The buyer is responsible for determining the suitability of the specific tape for its intended use in connection with user's method of application. Please consult our Technical Applications Department for specific advice. Our general Term and Conditions of Sale apply, particularly with regard to warranty and liability.

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