

Duplocoll® 5011

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Art. No. 11 755 O 01

Double-sided adhesive mounting tape with modified acrylic adhesive and foam carrier

Product construction

	Name	Colour	Thickness [mm]
Liner	PE paper	white	approx. 0,16
Adhesive closed side	Modified acrylic		
Carrier	Polyethylene foam	white	approx. 1,00
Adhesive open side	Modified acrylic		
Total thickness:			approx. 1,16

Product advantages

- Good initial and final adhesion
- Good ageing resistance
- Extensive resistance to the influence of chemicals (domestic cleaning materials and polishing agents)
- The combination of a modified acrylic adhesive and compressible polyethylene foam guarantees a very good bonding even on rough and uneven surfaces.

Main application fields

- Bonding of displays and product samples
- Making extruded plastic profiles self-adhesive

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 steel after 24 h at room temperature 25 N/25 mm, foam rupture

Peel strength on polypropylene after 24 h at room temperature 12 N/25 mm

Rising heat test at a steel-PET-bonding, beginning at 20 °C, increasing temperature every 30 min. by 10 °C; no loss of adhesion up to 70 °C

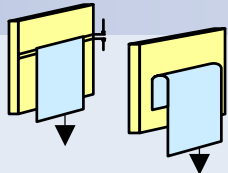
* Specific test results, statistically not approved.



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Technical Data		
Shear strength	on steel according to DIN EN 1943, edition 1996, at +23 °C +/- 2°C	40 N/625 mm ²
Peel strength	on steel according to DIN EN 1939, edition 1996, at +23 °C +/- 2°C	22 N/25 mm (foam rupture)
Temperature range	-40 °C to +90 °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 one year after delivery.

Product presentation		
Converted product	Rolls	Spools on request
Width [mm]	> 6	> 9
Length [m]	50	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.		

Variants	Duplocoll® 5012		Duplocoll® 5014	
	Name	Thickness [mm]	Name	Thickness [mm]
Liner	Polyethylene paper white	0,16	Polyethylene paper white	0,16
Adhesive covered side	Modified acrylic	3,00	Modified acrylic	4,00
Carrier	Polyethylene foam white		Polyethylene foam white	
Adhesive open side	Modified acrylic		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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