

Duplocoll® 330

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Art. No. 11 541 E 04

Differential “Perm/Peel” double-sided pressure sensitive adhesive tape with polyester film carrier

Product construction

	Name	Colour	Thickness [mm]
Liner	Silicone paper	white	approx. 0,06
Adhesive closed side	Modified acrylic		approx. 0,10
Carrier	Polyester film	transparent	
Adhesive open side	Dispersion acrylic		
Total thickness:			approx. 0,16

Product advantages

- Used for removable bondings
- Aggressive adhesive formulation on the open side
- The low adhesion closed side of the tape allows the easy removal from a wide variety of materials without leaving residues

Main application fields

- Reversible bag closure tape for polyethylene or polypropylene bags
- Self-adhesive preparation of spacers and transportation locks which has to be removed without leaving residues

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

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Specific technical data*

Peel strength open side according to DIN EN 1939 after 10 minutes storage at room temperature on different substrates:

Polypropylene	34 N/25 mm
Polyethylene	8 N/25 mm
Glass	37 N/25 mm
Steel	37 N/25 mm

Peel strength closed side according to DIN EN 1939 after 10 minutes storage at room temperature on different substrates:

Polypropylene	4 N/25 mm
Polyethylene	1 N/25 mm
Glass	5 N/25 mm
Steel	6 N/25 mm

Peel strength open side according to DIN EN 1939 after 24 hours storage at room temperature on different substrates:

Polypropylene	32 N/25 mm
Polyethylene	32 N/25 mm
Glass	34 N/25 mm
Steel	35 N/25 mm
Polystyrene	18 N/25 mm
PVC	22 N/25 mm

Peel strength closed side according to DIN EN 1939 after 24 hours storage at room temperature on different substrates:

Polypropylene	3 N/25 mm
Polyethylene	1 N/25 mm
Glass	5 N/25 mm
Steel	6 N/25 mm
PVC	12 N/25 mm
Lacquer	9 N/25 mm
ABS	12 N/25 mm

* Specific test results, statistically not approved.

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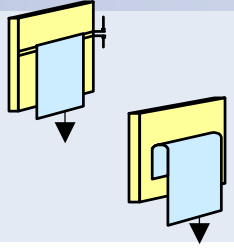
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Specific technical data*	
<u>Temperature resistance in bond (covered on both sides):</u>	
Peel strength open side according to DIN EN 1939 after 14 days storage at 50 °C on	
Glass	38 N/25 mm
Steel	38 N/25 mm
Peel strength closed side according to DIN EN 1939 after 14 days storage at 50 °C on	
Glass	7 N/25 mm
Steel	9 N/25 mm
Peel strength open side according to DIN EN 1939 after 14 days storage at 70 °C on	
Glass	38 N/25 mm
Steel	39 N/25 mm
Peel strength closed side according to DIN EN 1939 after 14 days storage at 70 °C on	
Glass	7 N/25 mm
Steel	13 N/25 mm
Tack Loop Test on steel at room temperature	
Open side	7 N/1250 mm
Closed side	30 N/1250 mm

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Technical Data			
Shear strength on steel according to DIN EN 1943, edition 1996, at +23 °C +/- 2°C	open side:	10 N/625 mm ²	
	closed side:	16 N/625 mm ²	
Peel strength on steel according to DIN EN 1939, edition 1996, at +23 °C +/- 2°C	open side:	26 N/25 mm	
	closed side:	9 N/25 mm	
Temperature range		-40 °C to + 140 °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	> 12	
Length [m]	50	100/200	
Max. log width: 1000 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.

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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