

Duplocoll 5011 LT Datasheet

Art. No.

Double-sided adhesive foam tape with a permanent acrylic adhesive and foam carrier.

Product Construction

	Name	Color	Thickness – [mm(mil)]
Liner	PE Paper	Brown/Natural	Approx. 0.06 (3.1)
Adhesive-covered side	Acrylic	Clear	Approx. 0.07 (2.8)
Carrier	PE Foam	White	Approx. 1.00 (39)
Adhesive-open side	Acrylic	Clear	Approx. 0.07 (2.8)
		Tape Thickness:	Approx. 1.14 (45)
		Total Thickness:	Approx. 1.20 (47.7)

Product Advantages

- Good initial and final adhesion.
- Good aging resistance.
- Extensive resistance to the influence of chemicals (domestic cleaning materials and polishing agents).
- The combination of an acrylic adhesive and compressible PE foam ensures a very good bond 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	●●●●
Final adhesion	●●●○
Dimensional stability	●●○○
Adhesion on smooth surfaces	●●●●
Adhesion on rough surfaces	●●●●
Aging resistance	●●○○
Weathering resistance	●●○○
Chemical resistance	●●○○
Plasticizer resistance	●●○○
●●●● very suitable	●●○○ suitable

Applicability on:

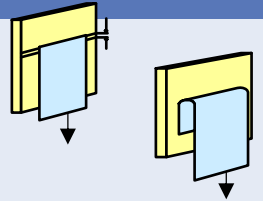
Foam	○○○○
Rubber	●○○○
Fabric	●●○○
Glass/Ceramic	●●●●
Wood	●●●●
High energy surfaces	●●●●
Low energy surfaces	●●○○
Metal	●●●●
Paper/Cardboard	●●●●
●○○○ somewhat suitable	○○○○ not suitable

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Technical Data		
Shear Strength	On SS, according to DIN EN 1943, edition 1996, at $+23 \pm 2^\circ\text{C}$	40N/625mm ²
Peel Strength	On SS, according to DIN EN 1939, edition 1996, at $+23 \pm 2^\circ\text{C}$	22N/25mm (foam rupture)
Temperature Range	-40 to + 90 °C (-40 to + 195 °F)	



Application	
Recommended application temperature	18 to 35 °C (64 to 95 °F)
Application guidelines	www.lohmanncorp.com

Storage
Adhesive tapes should be stored at room temperature and normal humidity (50 – 70%). The storage stability is one year.

Product Presentation		
Converted Product	Standard Rolls	Spools
Width:	1/2", 3/4", 1", 2"	
Length:	55yds	
Max. log width:	Specific dimensions available upon request	

Physical characteristics contained in our data sheets for trial, new, or modified products represent typical or average values. They have no statistical relevance 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 tape specific tape for its intended use in connection with the user's method of application. Please consult our Technical Application Department for specific advice.

Our general terms of sale apply, particularly with regard to warranty and liability.

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