

Duplocoll® VP 6504


Art. No. 11 741 C 03

Double-sided thin film tape

Product construction

	Name	Colour	Thickness [mm]
Liner	Silicone paper	yellow	approx. 0,08
Adhesive closed side	Modified acrylic		approx. 0,07
Carrier	Polyester film	transparent	
Adhesive open side	Modified acrylic		
Total thickness:			approx. 0,15

Product advantages

-  Tested and recognized according to UL 969
- Food safety confirmed by ISEGA, certificate of conformity no. 21835 U 05
- Thin tape construction with good dimensional stability
- Good initial and final adhesion
- High shear strength
- Good ageing and UV resistance
- Extensive resistance to the influence of chemicals (domestic cleaning material and polishing agents)
- Easy release liner system
- Excellent converting and die-cutting properties

Main application fields

- Permanent bonding and self-adhesive preparation of plastics, foams, fabrics and metals with even surfaces
- Sealing and dust protection in the electrical and electronic industry
- Mounting gaskets, acoustic components such as loudspeakers and microphones, LCD films and decorative parts for the mobile 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

Art. No. 11 741 C 03

Double-sided thin film tape

Specific technical data*

Peel strength in accordance with DIN EN 1939 after 24 hours storage at room temperature on

EPDM	18 N/25 mm
Polyethylene	15 N/25 mm
Polypropylene	15 N/25 mm
Polyester	19 N/25 mm
ABS	19 N/25 mm
Polycarbonate	19 N/25 mm
PMMA	24 N/25 mm
Rubber	13 N/25 mm
PUR-PET-foam	9 N/25 mm

Ageing resistance: Peel strength in accordance with DIN EN 1939 after 7 days storage in bond at 70 °C on

PMMA	17 N/25 mm
PUR-PET-foam	8 N/25 mm
Polycarbonate	13 N/25 mm

Dynamic shear strength in accordance with DIN 53283 after 24 hours storage at room temperature and a speed of $v = 100$ mm/min in bonding:

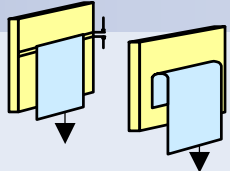
Polyester-steel-bonding	621 N/375 mm ²
Polyoximethylene-steel-bonding	830 N/375 mm ²
ABS-steel-bonding	791 N/375 mm ²

* Specific test results, statistically not approved.

Art. No. 11 741 C 03

Double-sided thin film tape

Technical Data		
Shear strength	on steel according to DIN EN 1943, edition 1996, at +23 °C +/- 2°C	60 N/625 mm ²
Peel strength	on steel according to DIN EN 1939, edition 1996, at +23 °C +/- 2°C	25 N/25 mm
Temperature range		-40 °C to +120 °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 1 year after delivery.

Product presentation		
Converted product	Rolls	Spools
Width [mm]	40-200	on request
Length [m]	700	
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® VP 7305		Duplocoll® VP 7294	
	Name	Thickness [mm]	Name	Thickness [mm]
Liner	Siliconized PETP film transparent	0,05	Siliconized PETP film white	0,05
Adhesive covered side	Modified acrylic	0,07	Modified acrylic	0,07
Carrier	PET film transparent		Polyester film transparent	
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.

Date of issue: March 2006

LOHMANN GmbH & Co. KG
 Pressure Sensitive Adhesive Tapes Division
 Postfach 14 54 • D-56504 Neuwied
 Tel. + 49 (0) 26 31 34 - 0
 Fax + 49 (0) 26 31 34 - 6661
 E-mail: info@lohmann-tapes.com

For further information
www.lohmann-tapes.com



koester metafol