

Duplocoll® 3702

Art. No. 11 741 G 02

Double-sided adhesive, transparent, distortion-free adhesive mounting tape

Product construction

	Name	Colour	Thickness [mm]
Liner	Silicone paper	yellow	approx. 0,08
Adhesive closed side	Modified acrylic		approx. 0,13
Carrier	Polyester film	transparent	
Adhesive open side	Modified acrylic		
Total thickness:			approx. 0,21

Product advantages

- Good initial and final adhesion
- High shear strength
- Good ageing resistance
- Extensive resistance to the influence of chemicals (domestic cleaning material and polishing agents)

Main application fields

- Permanent fixing and self-adhesive preparation of plastics, glass, ceramics and rubber
- Self-adhesive preparation of signs, face plates and scales in the electrical and electronic industries
- Self-adhesive, non-shearing preparation of rubber components and profiles

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

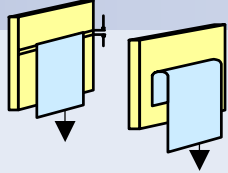
● ○ ○ suitable with reductions

○ ○ ○ not suitable

Art. No. 11 741 G 02

Double-sided adhesive, transparent, distortion-free adhesive mounting 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	28 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 one year after delivery.

Product presentation		
Converted product	Rolls	
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.

Variants	Duplocoll® 370		Duplocoll® 3702 F	
	Name	Thickness [mm]	Name	Thickness [mm]
Liner	Silicone paper yellow	0,08	Polyester film transparent	0,05
Adhesive covered side	Modified acrylic	0,23	Modified acrylic	0,13
Carrier	PVC film white		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: April 2005

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