

When creating a preliminary data sheet, there are not yet enough measured values and/or production runs available to determine statistically validated average/limit values. In individual cases, production repeatability is not yet ensured.

DuploCOLL® 26050 OC

Highly transparent double sided transfer tape with pure acrylic

Product construction			
	Name	Colour	Thickness [mm]
Liner 1	Polyester film	transparent	approx. 0,05
Adhesive	Pure acrylic	highly transparent	approx. 0,05
Liner 2	Polyester film	transparent	approx. 0,07
Total thickness:			approx. 0,17

Product advantages

- Highly transparent
- Low haze value and yellowness index
- Very good resistance to plastics with high moisture content (polycarbonate/polymethyl methacrylate)
- No blistering on plastics at temperature exposure up to 105 °C possible
- Acid free

Main application fields

- Invisible bonding of transparent plastics and glass
- Mounting of front film on touch film keyboards
- Laminating and bonding of printed electronics

Specific technical data*

Temperature range	-40 °C to + 105 °C**
UV Resistance	0,35 W/m, 340 nm, 63 °C
Optical properties:	
Light transmission according to ASTM D 1003 (350 – 1000 nm)	98 %
Haze according to ASTM D 1003	< 1,0 %
Colour:	
Yellowness Index according to ASTM E313	< 0,2
Color L* according to ASTM E308, D65/10°	100
Color a* according to an ASTM E308, D65/10°	0,0
Color b* according to ASTM E308, D65/10°	0,1
Acid value	< 1,0 mg/gKOH


* Specific test results, statistically not approved.

** No visual defects after temperature exposition for 24h on mounted between polycarbonate and PET

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Technical Data

Peel strength 180°	at +23 °C +/- 2°C		
	on glass	20 N/25 mm	
	on PMMA	17 N/25 mm	
on Polycarbonate	17 N/25 mm		
T-Peel	according to DIN EN ISO 11339 at +23 °C +/- 2°C		
	on PET	16 N/25 mm	

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 two years after delivery.

Product presentation

Converted product	Rolls				
Width [mm]	max. 1200				
Length [m]	max. 200				
Other dimensions and die-cuts on request.					

For mechanical mounting of this adhesive tape we also offer a wide range of application devices.

IMPORTANT NOTE

The physical characteristics contained in this data sheet represent typical or average values. All application related statements, information and recommendations herein are given to the best of our knowledge and practical experience. Many factors beyond our control and uniquely within buyer's knowledge and control can affect the use and performance of our tape in a particular application. EXCEPT AS EXPRESSIVELY AGREED IN WRITING WE DO NOT TAKE OVER ANY WARRANTY OR LIABILITY FOR THE SUITABILITY OR USABILITY OF OUR TAPES FOR CERTAIN PURPOSES AND APPLICATIONS RESULTING FROM BUYER'S SPECIAL USAGE OF THE TAPES. EXCEPT WHERE PROVIDED BY MANDATORY LEGAL PROVISIONS, WE WILL NOT BE LIABLE FOR ANY DIRECT OR INDIRECT MATERIAL OR IMMATERIAL LOSSES OR DAMAGES ARISING FROM THE USAGE OR APPLICATION OF OUR TAPES. Solely the buyer is responsible for determining the suitability of the specific tape for its use in connection with his method of application. Please consult our Technical Applications Department for specific advice.

Date of issue: November 2022

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