

DuploCOLL® 15100 HCR

Art. No. 11 19 29

Pressure-sensitive adhesive transfer tape comprising a pure acrylic adhesive for use in extremely difficult bonding applications

Product construction

	Name	Color	Thickness [mm]
Liner	Silicone paper	brown	approx. 0,10
Adhesive	Pure acrylic		approx. 0,10
Total thickness:			approx. 0,20

Product advantages

- High performance pure acrylic adhesive with an exceptionally high resistance to temperature, solvents, ageing and UV-radiation
- Excellent adhesion and shear strength
- Particularly suitable for rough surfaces (due to the high adhesive grammage)
- Excellent chemical resistance according to Finat 17 FTM 1
- High electrical insulating properties
- Low thermal conductivity, high temperature conductivity good thermal connection

Main application fields

- Making a wide variety of panels, emblems, front panels and membrane switches self-adhesive
- Suitable for internal and external applications
- Bonding to glass, metal, ceramics, high energy plastics
- Application for the electronic industry for PCB bonding

Specific technical data*

Temperature range -40 °C to +200 °C (short term up to +270 °C)

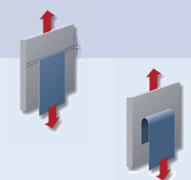
* Reached temperature in a rising heat test according to the internal test method PM-211 following DIN EN 1943 at 0,5 kg strength, beginning at 30 °C, increasing of temperature every 30 minutes by 10 °C.

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Technical Data		
Shear strength	on steel according to DIN EN 1943, edition 1996, at +23 °C +/- 2°C	35 N/625 mm ²
Peel strength	on steel according to DIN EN 1939, edition 1996, at +23 °C +/- 2°C	29 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 2 years after delivery.

Product presentation

Converted product	Rolls	Die-cuts
Width [mm]	On request	On request
Length [m]		
Max. log width: 1260 mm		

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.

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 **Lohmann**
The Bonding Engineers