

DuploCOLL® 7810 TC

Art. No.

Thermal conductive acrylic PSA tape

Product construction

	Name	Colour	Thickness [mm]
Liner 1	PET film	Green	approx. 0,05
Adhesive	Acrylate PSA	White	approx. 0,15
Liner 2	PET film	Transparent	approx. 0,04
Total thickness:			approx. 0,24

Product advantages

- Good adhesion (Acrylate PSA)
- Good thermal conductivity
- Soft and compressibility
- Easy to assemble

Main application fields

- Electrical components: IC, CPU, MOS, LED, M/B, P/S, Heat sink
- LCD, TV, Notebook PC, PC, Telecom device, Wireless Hub, etc
- DDRR II Module, DVD Applications, hand-set applications, etc

Specific technical data*

Temperature range	-30 °C to +120 °C
Thermal conductivity (Laser Flash)	0,95 W/mK
Insulation strength	>2 kv
Weight loss	<1 %
Initial Tack	11 cm
Die shear strength	69 N/cm ²
Surface Resistance	2,2 x 10 ¹¹ Ω
Holding power 1000g at RT (Using 1 in ²)	>10000 min-cm
Volume Resistance	5 x 10 ¹¹ Ω
Specific gravity	1,85 g/cm ³
Hardness	25 Shore A

* Specific test results, statistically not approved.

** 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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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]						
Length [m]						
Max. log width: 1000mm	Other dimensions, die-cuts and sheets on request.					

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

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.

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For further Information

www.lohmann-tapes.com

Concerning product safety (confirmation, conformity to guidelines, REACH, etc.) please use the following
E-mail address: products.safety@lohmann-tapes.com

