

## 阅读申明

- 1.本站收集的数据手册和产品资料都来自互联网，版权归原作者所有。如读者和版权方有任何异议请及时告之，我们将妥善解决。
- 2.本站提供的中文数据手册是英文数据手册的中文翻译，其目的是协助用户阅读，该译文无法自动跟随原稿更新，同时也可能存在翻译上的不当。建议读者以英文原稿为参考以便获得更精准的信息。
- 3.本站提供的产品资料，来自厂商的技术支持或者使用者的心得体会等，其内容可能存在描述上的差异，建议读者做出适当判断。
- 4.如需与我们联系，请发邮件到marketing@iczoom.com，主题请标有“数据手册”字样。

## Read Statement

1. The datasheets and other product information on the site are all from network reference or other public materials, and the copyright belongs to the original author and original published source. If readers and copyright owners have any objections, please contact us and we will deal with it in a timely manner.
2. The Chinese datasheets provided on the website is a Chinese translation of the English datasheets. Its purpose is for reader's learning exchange only and do not involve commercial purposes. The translation cannot be automatically updated with the original manuscript, and there may also be improper translations. Readers are advised to use the English manuscript as a reference for more accurate information.
3. All product information provided on the website refer to solutions from manufacturers' technical support or users the contents may have differences in description, and readers are advised to take the original article as the standard.
4. If you have any questions, please contact us at marketing@iczoom.com and mark the subject with "Datasheets" .



## NI/CU POLYESTER CONDUCTIVE FABRIC TAPE

Laird's Conductive Fabric Tape 85785 is composed of metallized (nickel/copper) polyester based fabric and conductive pressure sensitive adhesive (PSA). The fabric layer offers excellent performance for EMI/RFI shielding and electrical grounding, while the adhesive layer makes it convenient to apply on most metal or plastic surfaces. This relatively stiff fabric tape is ideal for die cut and hole punched applications.

### FEATURES

- RoHS compliant
- Halogen-free per IEC-61249-2-21 standard
- Low surface resistivity of  $< 0.04 \Omega/\square$  provides excellent conductivity
- Shielding effectiveness of  $>75$  dB across a wide spectrum of frequencies

### MARKETS

- Cabinet applications
- LCD and Plasma TV
- Medical equipment
- Servers
- Printers
- Laptop computers

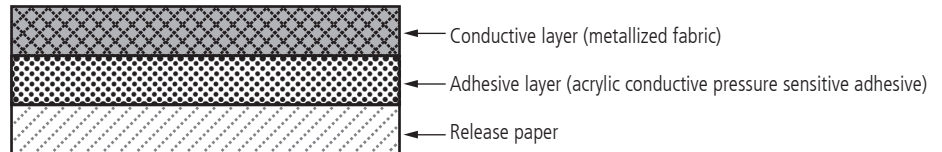


USA: +1.866.928.8181  
Europe: +49.0.8031.2460.0  
Asia: +86.755.2714.1166

Item	Unit	Value	Test Method
Thickness	mm	0.12 ± 0.02	-
Peel Adhesion	Kgf / 25 mm	>1.1	PSTC 101*
Shear Adhesion			
at R.T.	Hrs	>72	PSTC 107#
at 80°C	Hrs	>5	PSTC 107#
Tensile Strength	Kgf / 25 mm	>12	
Operation Temperature	°C	0-80	
Surface Resistivity (Fabric Side)	Ω/□	<0.04	ASTM F390
Z-axial Resistance	Ω	<0.04	
Shielding Effectiveness*			ASTM D4935
at 100 MHz	dB	75	
at 1GHz	dB	80	
Package Dimensions	M	W: 5 mm to 1000 mm L: Standard Length of 20 M	
Shelf Life (Under 23°C/65% R.H.)		One Year	

\*:Test Method A, dwell time 30 min. #:Contact area 25 mm by 25 mm +:Typical value

## COMPOSITION OF PRODUCT



## APPLICATION TECHNIQUES

1. Bond strength is dependent upon the amount of adhesive-to-surface contact developed. Firm application pressure develops better adhesive contact and improves bond strength.
2. To obtain optimum adhesion, the bonding surfaces must be clean, dry and well unified.
3. The temperature of tape application is recommended 21°C to 38°C.
4. Not designed for cable wrapping or applications requiring high shear adhesion. Please contact your Laird Sales representative for a more suitable product.

EMI-DS-FOF-85785 051316

Any information furnished by Laird Technologies, Inc. and its agents is believed to be accurate and reliable. All specifications are subject to change without notice. Responsibility for the use and application of Laird Technologies materials rests with the end user. Laird Technologies makes no warranties as to the fitness, merchantability, suitability or non-infringement of any Laird Technologies materials or products for any specific or general uses. Laird Technologies shall not be liable for incidental or consequential damages of any kind. All Laird Technologies products are sold pursuant to the Laird Technologies' Terms and Conditions of sale in effect from time to time, a copy of which will be furnished upon request. © Copyright 2013 Laird Technologies, Inc. All Rights Reserved. Laird, Laird Technologies, the Laird Technologies Logo, and other marks are trade marks or registered trade marks of Laird Technologies, Inc. or an affiliate company thereof. Other product or service names may be the property of third parties. Nothing herein provides a license under any Laird Technologies or any third party intellectual property rights.