



Laird 81720 Conductive Fabric Tape is an ultra-thin tape which offers exceptional conformability and conductivity for dynamic flex applications. It's constructed of nickel/copper metalized fabric with a conductive pressure sensitive adhesive (PSA). This reliable tape design provides outstanding shielding performance while offering superior abrasion and corrosion resistance under high dynamic flex conditions.

Laird 81720 is a halogen free product and can be supplied in tape or further customized to application by die-cutting, hole punching, and so on.

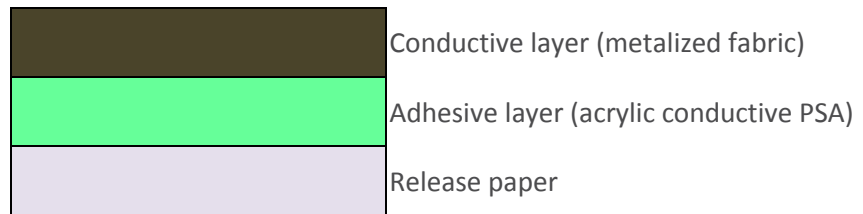
FEATURES

- Ultra-thin
- RoHS compliant
- Halogen-free per IEC-61249-2-21 standard
- Low surface resistivity of $< 0.04 \Omega/\square$ provides excellent conductivity

APPLICATIONS

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

COMPOSITION



CHARACTERISTICS

ITEM	UNIT	SPEC	TEST METHOD
Thickness	mm	0.027 ± 0.004	-
Peel Adhesion	N/25mm	>8	PSTC 101*
Shear Adhesion @R.T.	Hrs	>24	PSTC 107#
Shear Adhesion @80°C	Hrs	>1	PSTC 107#
Tensile Strength, MD	N/25mm	>45	-
Operation Temperature	°C	-10 to 80	-
Surface Resistivity(fabric side)	Ω/\square	<0.04	ASTM F390
Z-axial Resistance	Ω	<0.03	-

Remark * : Test Method A, dwell time 60 minutes
: Contact area 25mm by 25mm

Note: According to the ultra-thin fabric, the adhesive may bleed through the fabric in some severe conditions. Such bleeding will not impact the physical performance.

SHELF LIFE

12 months under 23°C /65% R.H.

EMI-DS-FOF-81720 121318

Americas: +1.800.843.4556
Europe: +49.8031.2460.0
Asia: +86.755.2741.1166

All 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 2017 Laird Technologies, Inc. All Rights Reserved. Laird, Laird Technologies, the Laird Technologies Logo, and other marks are trademarks or registered trademarks 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.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Adhesive Tapes](#) category:

Click to view products by [Laird Performance Materials](#) manufacturer:

Other Similar products are found below :

[56-YELLOW-34"X72YD](#) [021200-64630](#) [62-GRAY-12"X36YD](#) [764-1"x36yd-Red](#) [764-1"x36yd-White](#) [130C-1X15FT](#) [BDN11-3CB/A01](#)
[1900-48mm](#) [22-1/2X36YD](#) [88-SUPER-34X44FT](#) [890103N001](#) [2670](#) [9485PC 1"](#) [EVK-TA-TM047NBH01](#) [20-1"X60YDS](#) [2020-18mmx55m](#)
[H150](#) [363](#) [3900-Blue](#) [396-1"x36yd](#) [4016-34"x36yd](#) [4462-SN100](#) [4462W-12"x72yd](#) [4504-34x18](#) [5414 34X36](#) [4008-12"X36YD](#) [4104-](#)
[34"x18yd](#) [4466 1"](#) [4466W-1/2"x36yd](#) [4492B-1"x72yd](#) [4496W-12"x36yd](#) [4508-1"x36yd](#) [4516-3/8x36](#) [4726 1/2"X36YD](#) [054007-43154](#)
[054007-43152](#) [5414 1X36](#) [56 TAPE \(1/2"\)](#) [56-YELLOW-58"X72YD](#) [60-1/2"x36yd](#) [62-Gray-34x36yd](#) [687-758](#) [764-1"x36yd-Yellow](#) [766-](#)
[3"x36yd-YellowBlack](#) [EVK-TA-TM070RBH10](#) [88-SUPER-3/4X66FT](#) [177-982-9-P-1-.150](#) [3900-SILVER](#) [4718-12"x36yd](#) [926-14"x18yd](#)