Laird
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81720

Conductive Fabric Tape

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 Ω/□ 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℃	Hrs	>1	PSTC 107#
Tensile Strength, MD	N/25mm	>45	-
Operation Temperature	℃	-10 to 80	-
Surface Resistivity(fabric side)	Ω/□	<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℃/65% R.H.

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