



"If you can imagine it, Nadco will make it Stick."®

1692 Conductive Transfer Film

This is an unsupported solvent acrylic transfer PSA which conducts electricity anisotropically through the adhesive thickness. This adhesive system offers good quick stick and shear properties with extremely low electrical resistance. Primarily used for mounting EMI/RFI shields and gaskets, ESD pads and flexible circuit splicing and attachment. The adhesive is flexible and offers excellent conformability.

CONSTRUCTION DIAGRAM



FEATURES & BENEFITS

- Z-axis conductivity**
- Conformable and flexible conductive unsupported adhesive**
- Superb "wetting out" capabilities to most surfaces
- Resistivity < 0.005 ohms**
- Volume Resistance < 6 ohms-cm**

PROPERTIES

TEST	METHOD	TYPICAL VALUE US	TYPICAL VALUE METRIC
180° Peel	PSTC-101	25 (oz/in)	6.9 (N/25mm)
Shear Adhesion	PSTC-107	>24 @2.2psi (hour)	>24 @15.2kPa (hour)
Maximum Continuous Use Temperature		250 (°F)	121 (°C)
Minimum Application Temperature		-40 (°F)	-40 (°C)

For maximum adhesion, bonding surfaces should be clean, dry, and free from grease and oils. The firmer the application pressure and the greater the contact are, the stronger the bond. Bond strengths will increase as a function of time as the adhesive continues to wet out the bonding surfaces

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