



TECHNICAL DATA

Xalon ST CONDUCTIVE COPPER TAPE

Xalon RF Conductive Copper Tape consists of a .005" thick 110 annealed electrolytic tough pitch copper that is highly conductive backed by a 2 mil electrically conductive acrylic transfer adhesive. The adhesive is designed for laminating to a variety of surfaces including painted surfaces, metals, and various plastic films. It features excellent Z direction conductivity, good chemical resistance, and has moderate tack and high shear strength.

Typical Adhesive Performance Data:

Adhesive Thickness	2 Mils	
Liner Type	76# Moisture-Resistant Polycoated	
Peel Adhesion (PSTC 101 Mod 180°) Initial to SS (20 min dwell)	<u>Oz./Inch</u> 47	<u>N/25mm</u> 13.2
Holding Power (PSTC 107 Mod./178°) 2.2 psi (1"x1"x1000g)	≥600 min.	
Volume Resistivity (ASTM D2739-97 Modified)	0.06Ω•m	
Resistivity (WIN TM 070)	5m Ω	
Minimum Application Temperature	50 Degrees F	
No Load Applied, Service Temperature Range	-40 to 250 Degrees F	

Shelf Life: 1 year when stored at 70°F (21°C) and 50% relative humidity.

*Note: All information, recommendations, and suggestions contained herein shall only be used as a guide by the Purchaser and not for specification or any other purposes. This information also does not constitute a warranty nor guaranty of any type whatsoever. Purchaser should independently determine suitability of all material purchased and must confirm adaptability and other characteristics by conducting their own tests. Xalon RF shall have no liability as a result of any loss, expense, damage, cost or other injury which results from Purchaser's reliance on the information.