# WIRE MANAGEMENT PRODUCTS

**UL STANDARD 510, RoHS COMPLIANT** MIL-STANDARD 202C, METHOD 303

# **EMI/RFI COPPER SHIELDING TAPE**

# **CHOOSE COPPER** SHIELDING TAPE FOR:

- EMI/RFI Shielding Applications
- Highly Conductive, Pressure-Sensitive Adhesive Seal
- Point-to-Point Electrical Continuity
- Low-Resistance Adhesive

# **COPPER SHIELDING** TAPE APPLICATIONS:

- Terminating Cable Shield
- Connector Backshell Shielding

### **CHARACTERISTICS**

#### **PHYSICAL PROPERTIES:**

- Tensile Strength: 21 Lbs./Inch
- Adhesion: 40 Oz./Inch
- Thickness: 0.003 Inch
- Flammability: Flame Retardant Per UL Standard 510

#### **ELECTRICAL PROPERTIES:**

- Electrical Resistance Through Tape: 0.003 Ohms/Inch<sup>2</sup>
- Shielding Effectiveness: 50 dB at 153 MHz

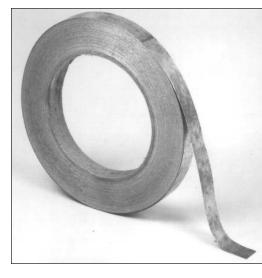
### **SPECIFICATIONS**

- UL Standard 510
- MIL-Standard 202C, Method 303
- ASTM D-1000
- RoHS Compliant

Web Site: www.alphawire.com

Email: info@alphawire.com





#### **CONDUCTIVE ADHESIVE, ADDED** PROTECTION AGAINST EMI/RFI:

Alpha CST is a copper foil tape backed with a highly conductive pressure-sensitive adhesive for use in a wide variety of commercial EMI/RFI shielding applications. The pressure sensitive adhesive contains a uniform dispersion of unique oxidation-resistant conductive particles that produce very low resistance through the tape. This feature results in shielding performance approximately 5 dB better than other metal foil shielding tapes.

Alpha Part No.	Width		Standard
	Inches	mm	Package
CST-5	0.5	12,7	1 Roll (36 yards)
CST-10	1.0	25,4	1 Roll (36 yards)
CST-15	1.5	38,1	1 Roll (36 yards)
CST-20	2.0	50,8	1 Roll (36 yards)

