



TitanRF Double Sided Faraday Tape - TDS

Category	Specification
Carrier Material	Nickel/Copper Coated Conductive Fabric
Adhesive Type	Conductive Acrylic Pressure-Sensitive Adhesive (PSA)
Electrical Resistance	<0.100 ohms/in ² per MIL-STD-202C Method 303
Total Thickness	0.05~0.5 mm
Temperature Range	-40°C to +82°C
Shielding Effectiveness (ASTM D4935)	Typical results are 65–70 dB across 30 MHz–1 GHz
Adhesion Strength	High-tack adhesive optimized for smooth surfaces, conductive fabrics, and metals
Tape Width Options	Standard: 1 in (25 mm), 2 in (50mm), and 2.5 in (62.5mm) custom widths available
Color	Metallic (silver/copper)
Typical Applications	<ul style="list-style-type: none"> • Bonding TitanRF fabric layers • EMI/RF sealing and grounding • Creating electrical continuity across seams • Shielding electronic enclosures • Field repairs for Faraday tents, bags, and fabric systems
Compatibility	TitanRF Faraday fabric, conductive textiles, metals, composites, smooth plastics
Storage	Store in a cool, dry area and avoid prolonged UV exposure