

5775 - conductive foam tape

Conductive Foam tape conducts electricity both horizontally and vertically.

Conductive Foam tape is better than of plated sponge for less powder detachment when cutting, friction and repeating compression.

Conductive foam tape is easy to attach to objects due to electric conductive adhesive tape on the bottom, and easy for converting due to roll supply.

Thickness of the conductive foam tape is from 0,2mm to 0,5mm

Properties

- Highly compressible with minimal force, good resilience, fast recovery
- pass salt water and corrosion resistance test
- meet Halogen Free, EU-RoHS, thermal resistance
- Easy to Die cut and converting due to roll type product
- minimal dust and metal powder detach for external friction, Repeating compression, Handling and Production
- Good electric conduction horizontally and vertically

Applications

- EMI Shielding
- EMI Grounding
- EMI Wall
- EMI Gasket
- EMI Tape
- Electric connector
- etc



5775 series Electrically conductive foam tape can be delivered on rolls in every width



5775 series Electrically conductive foam tape can be delivered on sheets in every size

Technical details

Subject	Unit	JoinFoam 1TA Series	JoinFoam 1TF Series
Foam	-	Silicone rubber + Metal + CNT Powder	
Color		Black	
Thickness	mm	0.2, 0.25, 0.3, 0.35, 0.4, 0.45, 0.5mm (including adhesive tape types)	
Width/Length	mm	110mm / Roll or Customizing sizes	
Temperature	C	105C (Depend on adhesive tape type)	
Resistance (Top to bottom)		Typical. 0,1	
Surface Resistance	/Ω□□	Typical. 0.1 /Ω□□	
Recommended Compression	%	Max. 50% of original height	
Compression Force	kgf/cm	Max. 1.0 (compress 40% of original height)	
Recoverability	%	Typical. 85% (For 85C, 85%RH, 30% Compression) Typical. 90% (For 10,000 Times, 40% Compression)	
Powder Adhesion	eye	Less powder detaching to testing tape.	
Adhesion Force	kgf/inch	min. 0.8	
Salt water, Damp Heat test	eye	No color change	
Environment	-	Halogen Pb Free, meets EU RoHS Non Cl	
Adhesive Tape (acryl)	-	Conductive Al	Conductive Fabric
Advantage	-	Compatible price	Flexible, Re-workable

5775 - conductive foam tape

Series	Thickness (mm)	Width (mm)	Length (mm)	Type
5775	0.2, 0.25, 0.3, 0.35, 0.4, 0.45, 0.5mm (including adhesive tape types)	The maximum width is 100 mm	The maximum length is 50000 mm (50 meters)	Select an option: 1 : Open cell foam 2 : Closed cell foam on open cell foam