



Conductive Foam tape conducts electricity both horizontally and vertically.

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

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

Thickness of the conductive foam tape is 0.3, 0.4 and 0.5 mm.

## TECHNICAL DETAILS

Subject	Unit	5776 Series
Material	-	Copper and nickel plated non woven + polyurethane foam + adhesive
Color		Grey
Temperature	°C	-10 ~ 80 °C (Depend on adhesive tape type)
Thickness (Thickness including adhesive tape types)	mm	0.3, 0.4 and 0.5 mm
Max. width	mm	100
Max. length	m	10
Resistance (Top to bottom)	Ω	Typical. 0.1 Ω
Surface Resistance	Ω/□	Typical. 0.1 Ω/□
Recommended		
Compression	%	Max. 50% of original height
Compression Force	kgf/cm <sup>2</sup>	Max. 1.0 (compress 40% of original height)

## 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



## ORDER EXAMPLE

Part number	Thickness (mm)	Width (mm)
<b>5776</b>	<b>0.3 : 0.3 mm</b> <b>0.4 : 0.4 mm</b> <b>0.5 : 0.5 mm</b>	The maximum width is 100mm
	<b>Length (m)</b> The maximum length is 10 meter.	