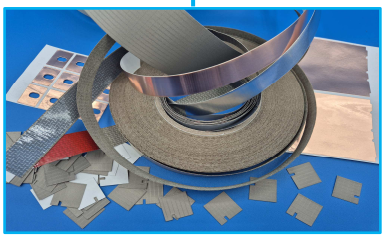
EMIRUB



This range of products we call EMIRUB, are «conductive tape» or «conductive adhesive tape», depending on the field where it is used. We have 4 types of materials: copper, tinned copper, aluminum and metallic fabric. They are mainly used in EMC testing laboratories. Our copper tape is now qualified at EMITECH and LCIE. We have a permanent stock in all these materials allowing you to deliver immediately.

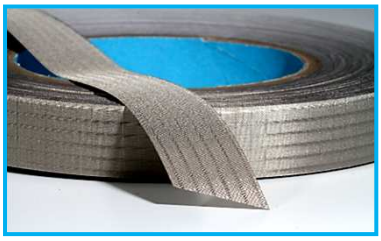
Application Areas: Electronic Components - Electric Vehicles, 5G, Autopilot System, Mobile Phone, AIOT, HPC (High Performance Computing), Server, IC, CPU, MOS, LED, Motherboard, Power Supply, Heat Sink, LCD-TV, Laptop, PC, Telecommunication Device, Wireless Hub, DDR ll Module, etc.

Technical characteristics

EMIRUB CU

EMIRUB CU is a smooth copper tape, coated on one side with an electric conductive acrylic adhesive. The adhesive is protected by silicone paper. The EMIRUB CU can be used for electromagnetic and radio-electric shielding, flexible and rigid cables, enclosures, etc. With excellent shielding and good conductivity, the EMIRUB CU also has the characteristic of being weldable and thus, allows mass recovery.

EMIRUB NI



The EMIRUB NI is a smooth fabric tape, coated on one side with an electric conductive acrylic adhesive. The adhesive is protected by silicone paper. When applying the tape on the backing, the dispersion of the glue on the backing at the time of crushing and the nature of its viscosity results in an electrical continuity between the tape and its backing with very low electrical resistance. With excellent shielding and good conductivity, the EMIRUB NI also has the characteristic of being very flexible, difficult to tear and easy to use with its adhesive face. The EMIRUB NI allows to realize electromagnetic and radio shielding, mainly flexible and rigid cables, where the copper tape is not suitable.

EMIRUB AL

EMIRUB AL is a smooth aluminum tape, coated on one side with an electric conductive acrylic adhesive. The adhesive is protected by silicone paper. The EMIRUB AL makes it possible to make electromagnetic and radio shielding, flexible and rigid cables, enclosures… With excellent shielding and good conductivity, the EMIRUB AL also has the characteristic of being weldable and thus, allows mass recovery.

General information

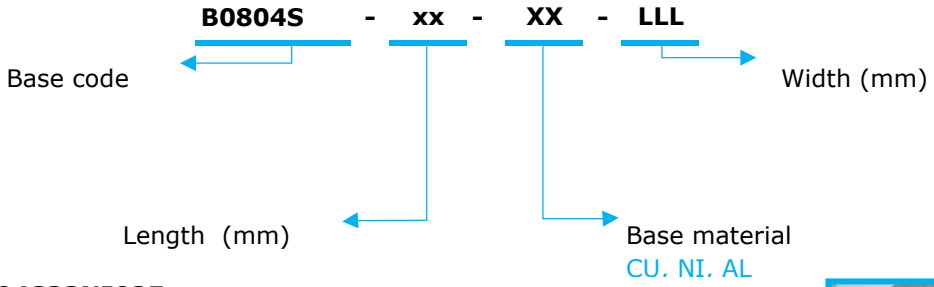
- The deposit surface must be clean, free of grease and dust
- Pre-cut (half-flesh cutting) on plan
- Cutting according to plan possible
- Available in coil or cut to length

EMIRUB

Technical characteristics

Features	Units	Values / Types			Remarks
Materials					
Base material	/	Copper	Nickel Copper Fabric	Aluminium	
Tape	/	Acrylic			Conductor
Adhesive protecion	/	Silicone paper			
Standards Sizes					
Thickness of the base material	mm	0.04	0.1	0.04	
Adhesive thickness	mm	0.03	0.04	0.03	
Total thickness	mm	0.07	0.14	0.07	ASTM D 3652
Standard roll length	m	33	33	50	
Standard widths	mm	6-10-15-20-25-50	10-15-20-25-50	6-10-15-25-30-50-60	
Maximum width	mm	300	500	500	
Shaped cut	/	Possible			On draw
General properties					
Surface resistance	Ω/□	max 0,5			MIL DTL 83528C
Volume resistivity	Ω/□	max 0,1			MIL DTL 83528C
Adhesive strength	N/25mm	9	10	9	KS T 1028
Use Temperature	°C	max 80	-20 à +80	max 80	

Product codification



Exemple : **B0804S33NI025**

→ Ribbon length 33m, in Nickel Copper fabric, width 25mm.

The results were obtained under laboratory conditions and should be considered only as an indication. As AB2E has no control over its customers' equipment and many other factors, it is the user's responsibility to carry out its own tests to ensure that the product corresponds to its needs.