

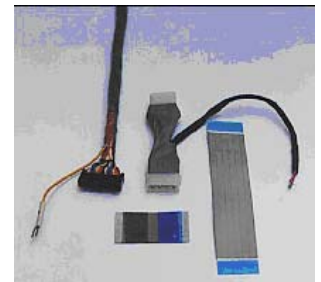
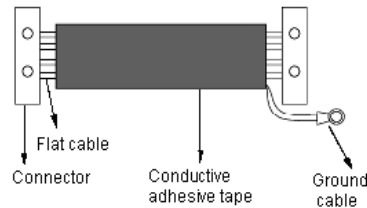
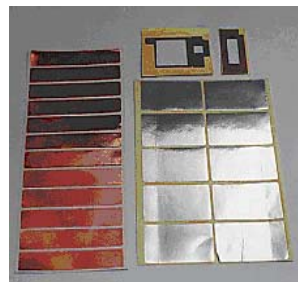


# E-Song America, Inc.

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100%  
RoHS Compliant  
Products

## EMI SHEILDING TAPES



### ■ General Description

There are many different types of conductive tapes to meet individual needs. Basically they are metallic foil (backing) or conductive fabric with conductive adhesive.

Metal backings are typically Cu, Tin-coated Cu or Aluminum. Their surface is either plain or embossed. Embossing improves conductivity between the metal backing, adhesive tape and the application substrate.

Conductive fabric is either Rip-Stop, Taffeta or Non-Woven type. You can see a distinctive pattern in Rip-Stop type, while Taffeta type has no pattern. Non-Woven fabric is made by binding fibers in layer as in making paper, to save manufacturing cost. Taffeta tends to be softest and Non-Woven tends to be more rigid. All are made from Polyester fibers, plated with metal such as Cu, Ni, Gold and other highly conductive metal.

### ■ Types and Specifications

Parts No.	Description	Conductive Layer	Thickness Conductive Layer	Total Thickness	Operating Temp (°C)	Adhesion Strength (g/inch)	Conductivity (Ω/□)
TEA200	Rip-stop fabric tape	fabric/rip-stop	0.091mm	0.105mm	-30 ~ 110	800	0.075
TEA212	Taffeta fabric tape with adhesive on two sides	fabric/taffeta	0.088mm	0.120mm	-30 ~ 110	800	0.166
TEA214	Taffeta fabric tape	fabric/taffeta	0.088mm	0.115mm	-30 ~ 110	800	0.100
TEA217	Rip-stop fabric tape with conductive coating, moisture & stain free	fabric/rip-stop	0.100mm	0.105mm	-30 ~ 110	800	0.100
TEA218	Taffeta fabric tape with conductive coating, moisture & stain free	fabric/taffeta	0.110mm	0.115mm	-30 ~ 110	800	0.110
TEA219	Flame retardant rip-stop fabric tape, rated as UL94 V0	fabric/rip-stop	0.091mm	0.105mm	-30 ~ 110	650	0.250
TEA221	Gold-plated taffeta fabric tape for increased conductivity	fabric/taffeta	0.110mm	0.120mm	-30 ~ 120	800	0.050
TEA222	Special fabric tape with stronger adhesion, two sides	fabric/130mes	0.070mm	0.120mm	-30 ~ 120	1200	0.100
TEA231	Carbon-Coated Rip-Stop fabric tape, durable against moisture and high temperature	fabric/rip-stop	0.100mm	0.105mm	-30 ~ 120	800	0.100
TEA254	Non-woven fabric tape	Non-woven	0.145mm	0.195mm	-30 ~ 110	700	0.070
TEA262	Embossed Cu tape	Embossed	0.038mm	0.08mm	-30 ~ 140	800	0.060
TEA271	Cu tape with conductive adhesive on two sides	copper foil	0.038 mm	0.110mm	-30 ~ 120	800	0.030
TEA276	Cu tape	Copper foil	0.038mm	0.075mm	-30 ~ 140	800	0.012
TEA283	Embossed Al tape	Embossed	0.040mm	0.080mm	-30 ~ 140	800	0.087
TEA286	Al tape with insulation film layer on top	Al foil + PET	0.030mm	0.060mm	-30 ~ 140	800	0.400
TEA290	Al tape	Aluminum foil	0.040mm	0.075mm	-30 ~ 140	800	0.030
TEA295	Al tape with conductive adhesive on two sides	Aluminum foil	0.025mm	0.085mm	-30 ~ 140	800	0.088