



E-Song America, Inc.

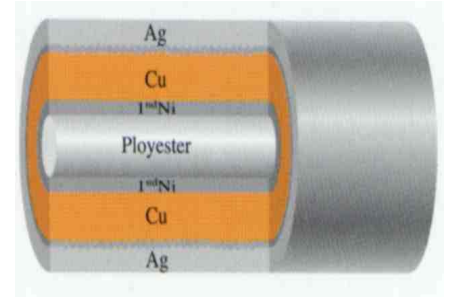
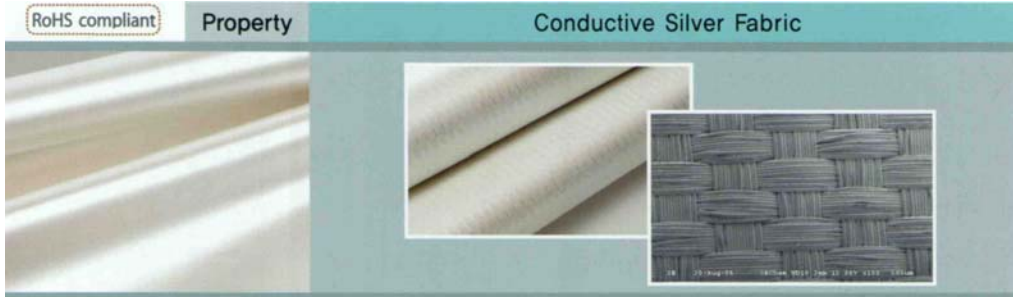
100%
RoHS Compliant
Products

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SILVER-PLATED CONDUCTIVE FABRIC

■ Characteristic

Surface plating is 99.9% pure silver with Cu under-plating, and has superior shielding effectiveness. Anti-Tarnish Urethan coating is an option to prevent finger prints and tarnishing.



■ Technical data

PART NO.		WREA-260-S	WREA-290-S		
Type		Woven	Woven		
Surface Color		Silver	Silver		
Base Fiber		Polyester	Polyester		
Plating Type		Silver-Plating	Silver-Plating		
Plating Material		Cu + Ag	Cu + Ag		
Max. Width (mm)		1070 ±10	1070 ±10		
Density	Warp	144 ±5	188 ±5		
	Weft	130 ±5	92 ±5		
Weight (g/m ²)		80 ±3	82 ±3		
Thickness (mm)		0.105 ±0.005	0.105 ±0.005		
Breaking Strength (N)	Warp	491.9 ±10	662.3 ±10		
	Weft	382.3 ±10	384 ±10		
Elongation (%)	Warp	28.8 ±5	28.6 ±5		
	Weft	29.6 ±5	35.8 ±5		
Surface Resistance (Ω/inch ²)	Max.	0.1	0.1		
	Min.	0.01	0.01		
	Avg.	<0.04	<0.04		
Shielding Effectiveness (dB), 500 MHz	Max.	85	85		
	Min.	50	50		
	Avg.	>72	>72		

ENVIRONMENTALLY HAZARDOUS SUBSTANCE TEST RESULTS	Lead (Pb)	ND	ICP-AES
	Cadmium (Cd)	ND	ICP-AES
	Mercury (Hg)	ND	ICP-AES
	Hexavalent Chromium (Cr VI)	ND	UV-Vis
	PBBs	ND	GC/MS

*ND=not detected.

(SGS Testing, Korea)