



E-Song America, Inc.

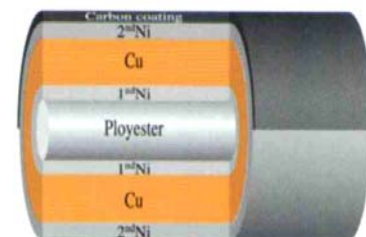
1901 S. Bascom Ave., Prune Yard Tower I, Suite 1225, Campbell, CA 95008
 Email: sales@esongamerica.com Tel. (408) 466-5446 FAX (408) 879-9373

100%
RoHS Compliant
Products

CARBON-COATED CONDUCTIVE FABRIC

Characteristic

This fabric has carbon coating on one side of the fabric, to protect against finger print and moisture, maintaining good conductivity and shielding effectiveness.



Technical data

PART NO.		WREA-260-PNCR	WEA-290-PNCR		
Type		Woven	Woven		
Surface Color		Black	Black		
Base Fiber		Polyester	Polyester		
Plating Type		Black-Coating	Black-Coating		
Plating Material		Ni + Cu + Ni + C	Ni + Cu + Ni + C		
Max. Width (mm)		1070 ±10	1070 ±10		
Density	Warp	144 ±5	188 ±5		
	Weft	130 ±5	92 ±5		
Weight (g/m ²)		90 ±3	97 ±3		
Thickness (mm)		0.105 ±0.005	0.105 ±0.005		
Breaking Strength (N)	Warp	519 ±10	691.3 ±10		
	Weft	411 ±10	412 ±10		
Elongation (%)	Warp	31.9 ±5	26.6 ±15		
	Weft	28.2 ±5	33.8 ±5		
Surface Resistance (Ω/inch ²)	Max.	50	50		
	Min.	0.01	0.01		
	Avg.	<0.04	<0.04		
Shielding Effectiveness (dB), 500 MHz	Max.	80	80		
	Min.	10	10		
	Avg.	>60	>60		

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)