



E-Song America, Inc.

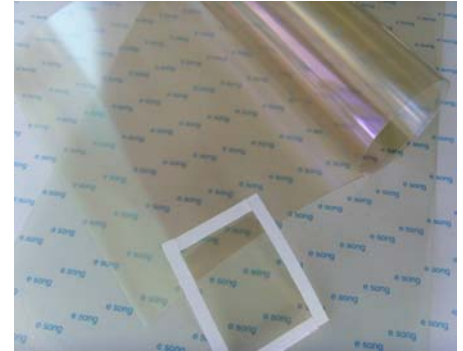
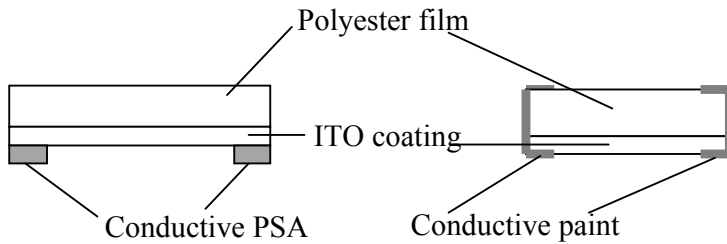
100%
RoHS Compliant
Products

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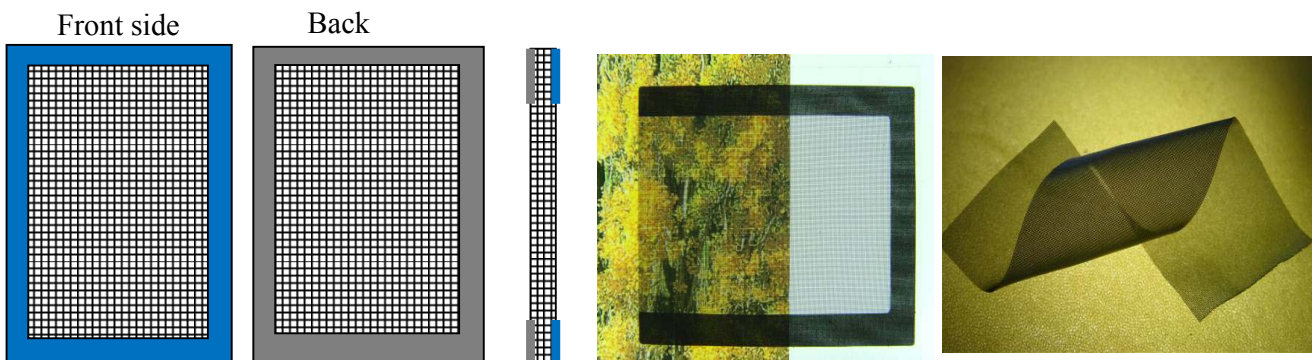
WINDOW SHIELDING - FLEXIBLE CONDUCTIVE FILMS

Two types of flexible conductive films are available: 1) ITO-Coated Film and 2) Mesh Tape. ITO-coated film has higher surface resistance but offers a higher transparency, while Mesh Tape has lower surface resistance and provides higher noise attenuation. Mesh Tape also allows air to go through, which works as a ventilation and look-through window for EMI Shielding Tents. Both ITO-Coated Film and Mesh Tape can be used as shielding window for LCD monitors.

■ ITO-Coated Film



■ Mesh Film



(Mesh Tape is made of Ni-Cu-Ni-plated PET fiber and is available in custom sizes with frames attached for easy installation.)

■ Technical data

	ITO-Coated Film	Mesh Film
Mesh Density	N/A	135 □/inch
Thickness	0.10mm	0.18mm (Mesh t=0.08mm)
Color	Very light gray	Light Gray
Surface resistance	50Ω/inch	0.13Ω/inch
EM wave shielding rate		53dB @20MHz-1GHz
Transparency	85% (550nm)	65% (550nm)
Heat resistance	OK (80°C 250hrs)	OK (80°C 250hrs)
PSA conductivity	0.08Ω/inch	0.10Ω/inch
PSA Strength	1000g/inch	1000g/inch
Operating Temp. (°C)	-15 ~ 90°C	-15 ~ 90°C
Standard roll size	1000mm x 100m	Custom sizes only

RoHS compliant

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