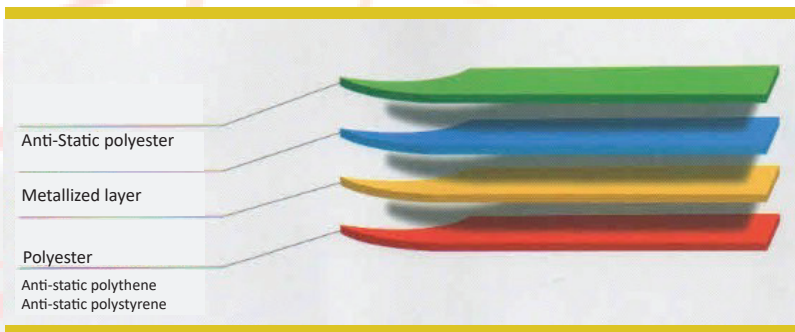


Static Shielding Film– Metal-In

Transparent, metalized static shielding film provides a static environment for sensitive electronic devices. Three layer construction: static polyester, metalized layer, static polyethylene/static polystyrene.

Material Structure



	WRAPPAGE	DIMENSION	PACKAGE TYPE
PACK 1	1roll/pack	Acc. To Size	by film
PACK 2	Custom request	Acc. To Size	Custom request
LABEL	As customer's request		

Remarks

Customized sizes, customized printing, and customized hot stamping are available.

Electrical Properties	Unit	Typical Value	Standards
Surface resistivity	Ohms	<10e11 ohms	ASTM D257 / ANSI/ESD
Interior		10e9-10e11 ohms	STM11.11
Exterior		10e8-10e10 ohms	
Metalized Layer resistance	Ohms/sq	<100	
Metalized Layer transmission		40%-0.4	
Metal	Ohms	100	
Static Shielding	volts	< 30	MIL-PRF-81705, EIA 541
Static Shielding	nJ	< 10	EOS/ESD S11.31
Static Decay	5000-0V	<0.05s	MIL-PRF-81705, FTMS 101 MTH 4046
Charge Generation	ELA541 C avg	Quartz< 13nC/in2 Teflon<1313nc/in2	
Capacitance probe	ELA541	<10V	

Physical Properties

Tensile Strength	Lbs./in	>18	ASTM D 882
Tear Initiation	Lbs./in	>2.5	
Puncture resistance	p.s.l	>100	
Seam strength	Lbs./in	8	MIL-PRF-81705
MVTR barrier	Gm/100min-2/24hrs	>0.2	
Oxygen barrier	Cc/100min-2/24hrs	>0.5	
Temperature	F	250-375	
Time	S	0.5-3.5	
Pressure	p.s.l	30-70	
Thickness	Mils	3	
Outgassing Non-corrosive		Pass	ASTM E595 FTMS 101 MTH 3005