



# Static Shielding Bag



## GENERAL INFORMATION

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

## Technical Data

Electrical Properties:	Units	Typical Value	Typical Value
Surface resistivity	ohms	<10e 11 ohms	ASTM D257 / ANSI/ESD
Interior		10e9-10e11 ohms	STM11.11
Exterior		10e8-10e10 ohms	
Metallized Layer resistance	Ohms/sq.	<100	
Metallized 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
Charge Generation	ELA541 C avg	Quartz< 13nC/in2, Teflon<1313nc/in2	MTH 4046
Capacitance probe	ELA541	<10V	I

## 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-2/24hr	>0.2	
Oxygen barrier	Cc/100min-2/24hrs	>0.5	
Heat Sealing Conditions			
Temperature	F	250-375	
Time	S	0.5-3.5	
Pressure	p.s.l	30-70	
Thickness	mils	3	
Outgassing		Pass	ASTM E595
Non-corrosive		Pass	FTMS 101 MTH 3005

## PACKAGE

WRAPPAGE	DIEMENTION	PACKAGE TYPE
PACK 1	100pcs/pack	Acc. To Size Nylon film/paper carton
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.