

ELECTROSTATIC SHIELDING BAGS

Code BB4...

PROPERTIES	UNIT	TYPICAL VALUES	TEST METHODS
Surface Resistivity:			
Inner Layer	Ω/sq	$<10^{12}$	EOS/ESD S11.11.1993
Metal Layer	Ω/sq	$<10^2$	EOS/ESD S11.11.1993
Outer Layer	Ω/sq	$<10^{12}$	EOS/ESD S11.11.1993
EMI Shielding	dB@1-10GHz		MIL SPEC B-81705C
Charge Decay	sec	<0.1	EIA 541
Shielding (Capacitance Probe)		5V differential <20 Milliseconds	EIA 541
Charge Generation	NC/in ²	Teflon: -0.03 Quartz: +0.10	Modified Inclined Plane
Thickness:			
Polyester	mil	0.5	ASTM D2103
Antistatic polyethylene	mil	2.3	ASTM D2103
Tensile strength	lbs/in ²	>15	ASTMD882
Puncture resistance	lbs	>10	FTMS 10001C
Transparency	%	>40	ASTM D-1003-77
MVTR	g/100in ² /24h	$<0.2\text{g @ }1001\text{F}$	ASTM F 1249
Abrasion Resistance	cycles	>100	Sutherland (.0000 Steel Wool)

Other properties: Free from amine/amides/heavy metals. Polycarbonate compatible.