

SS 4150

Buried Metal Static Shielding Film

Antistatic Metallized Polyester
Antistatic Polyethylene Sealant

Physical Property	Method	Units	Typical Properties	
Product Code			SS4150	
Thickness	ASTM D 374	Mils		2.7
Basis Weight	Valeron	Lbs/MSF		14
Tensile Break	ASTM D 412	lbs/in	MD TD	16 16
Elongation	ASTM D 412	%	MD TD	50 80
Elmendorf Tear	ASTM D 1922	Grams	MD TD	200 350
Puncture Resistance	MIL 3010, Meth 2065	Lbf		11
Seal Strength	ASTM F 88 (350° F, 2 sec. 60 psi)	Lbs/1" Strip	Lab	10
Water Vapor Transmission	ASTM F 1249 100° F, 100% RH	grams/100 in ² /day		0.23
Oxygen Transmission	ASTM D 3985 72° F, 0% RH	cc/100 in ² /day		0.41
Electrical Property				
Surface Resistance	EOS/ESD S11.11 12% RH	ohms	Inside Outside	3.0E+10 4.0E+10
Static Decay	MIL 3010, Meth 4046	seconds	+ -	0.01 0.01
Energy Penetration	EOS/ESD S11.31	nanojoules		18

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