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PROTECT STATIC SHIELDING Data Sheet

Static Shielding Material (SS) Buried Metal

Specifications: Anti-Static, Polyester, Metal Polyethylene, Anti-Static

Electrical Properties:	Typical Values	
Surface Resistivity/ Resistance	ASTM D257	or ANSI/ESD STM11.11
Interior	<10 ¹² ohms/square	or <10 ¹¹ ohms
Exterior	<10 ¹² ohms/square	or <10 ¹¹ ohms
Metal	100 ohms	
Static Shielding	<30 volts	MIL-PRF-81705, EIA 541
Static Shielding	<10 nJ	EOS/ESD S 11.31
Static Decay	<0.05 seconds	MIL-PRF-8/1705, FTMS1 101 MTH 4046
Charge Generation		Modified Inclined Plane
Teflon	0.09 nC/sq.in.	
Quartz	0.01 nC/sq.in.	
Physical Properties		
Tensile Strength	>25 lbs	ASTM D 882
Seam Strength	Pass	MIL-PRF-81705
Light Transmission	40%	Tobias
Heat Sealing Conditions		
Temperature	250 F – 375 F	
Time	0.5 – 3.5 seconds	
Pressure	30 – 70 PSI	
Thickness	3.1 mils	SCC 008
Outgassing	Pass	ASTM E595
Non-corrosive	Pass	FTMS MTH 3005

Disclaimer:

The data presented refers to typical values only and should serve only as a guide and does not encompass normal variability, or constitute any warranty. We urge purchasers to conduct tests for suitability in their specific end use.

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