



SECOVAC 2102

METALIZED STATIC SHIELDING

- ESD Static Shield Film
- Conductive Buried Shield layer between two polymeric plastic layers; exposed surfaces are static dissipative
- Contains no Amines and is N-Octanoic acid free
- Polycarbonate compatible, humidity independent and heat sealable
- Meets the electrical requirements of MIL-PRF-81705E, Type 111

Electrical Properties:

	<u>Test Method</u>	<u>Anti Static Values</u>
Static Decay Rate	FTMS 101C Method 4046.1	<0.03 seconds
Surface Resistivity	ASTM-D-267/ESD S11.31	<10 10 ² ohms/sq.

Physical Properties:

	<u>Test Method</u>	<u>Unit of Measure</u>	<u>Typical Values</u>
Color		Silver	
Thickness		.0031	
Yield		sq in/lb(+/-5%	8750
Tensile Strength	ASTM D882-83 Method A	psi	MD 6500
		psi	MD 790
Tear Strength (Notched)	ASTM D 1004-66	lbs	
		MD	3.0
		TD	2.5
Burst Strength	FTMS 191 C Method 6122	psi	70
Puncture Strength	FTMS 101 C Method 2065.1	lbs	>10
Heat Seal Strength	ASTMF 1876-72	lbs/width	>16
M.V.T.R	ASTMF F1249	gms @100/90%	
		R.H./100 in ² /24 hrs	

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