

Specification for Static Shielding bags



IT IS AMINES FREE, BOTH INNER AND OUTER LAYERS DISSIPATIVE WITH BURIED CONDUCTIVE ALUMINUM LAYER.

ELECTRICAL PROPERTIES

EMI SHIELDING (MIL-B-81705C) >=10DB between 1 & 10 ghz

RESISTIVITY – CONDUCTIVE METAL </=50 ohm/sq
 (ASTM D257)

CAPACITY PROBE TEST (HIGH VOLTAGE DISCHARGE) – EIA STD 541/APPENDIX E 1KV </=20 volts

STATIC DECAY TEST (FTMS 101C, METHOD 4046-1, 5000 VOLTS TO 0 VOLT) </=0.1 seconds

SURFACE RESISTIVITY (BOTH SURFACES) </=10¹¹ ohms/sq
 (ASTM D 257 @ 12% R.H.)

CHARGE GENERATION – NORMAL
 (MODIFIED INCLINE PLANE – AVERAGE ac/SQ IN)
 TEFLON -0.09
 QUARTZ +0.10

PHYSICAL PROPERTIES

YIELD PER LB. 9050sq in / 62.85 sq ft

TOTAL THICKNESS 3.0 mils (75 microns = 0.07mm)

TENSILE STRENGTH (ASTM D882-83, METHOD A) MD: 5800psi TD: 6600psi

TEAR STRENGTH (D1004-66-NOTHCED) MD: 2.5 lbs TD: 2.0 lbs

ELONGATION (ASTM D882-83, METHOD A)	MD: 80%	TD: 85%
BURST STRENGTH (FTMS 191C, METHOD 5122)	>/=50 psi	
PUNCTURE STRENGTH (FTMS 101C, METHOD 2065.1)	>/=12 lbs	
HEAT SEAL STRENGTH (D1876-72) VENTROD BAR SEALER / HEAT & DWELL 5.5	>/=14 lbs/in width (room temperature)	
MVTR (ASTM F-149 @ 100 ^o F / 100 SQ IN / 24 HRS)	</=0.3 gms – nominal	
LIGHT TRANSMISSION (ASTM D 1003 – 77)	40% +/- 5%	

NOTE:

THE SPECIFICATIONS IN THIS DATA SHEET ARE SUBJECT TO POSSIBLE CHANGE DUE TO OUR CONTINUOUS PROGRAMME OF MATERIAL IMPROVEMENT. BUYER OR USER SHALL BE RESPONSIBLE FOR DECING THE SUITABILITY OF THE PRODUCT FOR HIS INTENDED USE.