

CADPAK ESD - STATIC SHIELD

**AUSTRALIAN
INHIBITOR**

**STATIC SHIELD IS FOR APPLICATIONS REQUIRING PERMANENT
ELECTROSTATIC PROTECTION.
HIGH LEVEL BARRIER PROTECTION.
CERTIFICATION MIL-PRF-81705E T1**

**WATER VAPOR PROOF, ELECTROSTATIC
PROTECTION, ELECTROMAGNETIC SHIELDING**

Typically used in the protection of
micro-circuits, semi-conductors and
resistors



CADPAK ESD

PROPERTY	TYPICAL VALUES	UNITS	TEST METHOD
Caliper	4.5	mil	ASTM D2103
Yield	5,680	in ² /lb	Calculated
Puncture Resistance	19	lbs	Mil-Std-3010
Tensile Strength	4,100 MD 4,300 TD	psi	ASTM D882
OTR	0.0005	cc/100 in ² /day @0% RH, 23°C	ASTM D3985
WVTR	0.0005	g/100in ² /day @ 90% RH 40°C	ASTM F1249
Electrostatic Shielding	0.45	volts	EIA-541 Appendix
EMI Attenuation	>35 (before flexing) 30 (after flexing)	db	MIL-PRF 81705E
Static Decay	Inner <1.0 Outer <0.02	sec	MIL-PRF 81705E
Surface Resistivity	Inner 7.0 x 10 ¹⁰ Outer Undetectable	ohms	MIL-PRF 81705E
Seal Strength	19	lbs/in	ASTM F88
Suggested Sealing Conditions	375°F, 40psi, 1.0sec		Range: 325°F - 425°F

APPLICATIONS:

Electrostatic / electro-magnetic shielding

Electronics

Superior barrier protection in extended layup environments

USAGE:

All substrates should be clean and contaminant free before the use of our foil products.

PACKAGING AND STORAGE:

Store in a cool dry place. Keep CADPAK ESD Foil products sealed when not in use.

**Unsurpassed Corrosion
Prevention for
60+ years**

CORROSION PREVENTATIVE

- FOILS
- FILMS
- PAPERS
- OILS
- ADDITIVES
- COMPLETE PACKAGING SOLUTIONS



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