



Features



- Portable ESD worksurface that can also be used to transport populated, unsoldered circuit boards
- Static dissipative foam (RTT 10E6 - 10E8 ohms) laminated to Protektive Pak® impregnated corrugated material for greater durability
- Foam is shuntable, component leads can be kept at equipotential and more stable when moved
- Includes 10mm (3/8") grounding snap
- Static dissipative material 10E6 - 10E8 ohms
- Buried shielding layer minimizes sloughing and rub-off contamination
- Made in America

SPECIFICATIONS FOR CORRUGATED MATERIAL:

Properties	Typical Values
Electrostatic Decay	0.01 seconds at 72°F and 11.8% R.H.
Surface Resistance	10E6 - 10E8 ohms/sq. after 11 days at 68°F and 12% R.H. for surface. 10E3 - 10E4 ohms/sq. for buried shielding layer
High-Voltage Discharge Resistance	Failure rate 0/5 (no oxide damage in five consecutive tests)
Static Shielding	99.9% attenuation at 10kV; 99.6% attenuation at 30kV
Charged Device Model (CDM) Safety	RTG >10E7 ohms at 86% R.H. or less
Corrosivity	Contains 1-3 ppm reducible sulfur
Sloughing Test	Negligible surface damage at 10 cycles and <5% of surface damage at 200 cycles in Taber Abrasion Test. No conductive particles abraded from surface
Recyclability	Complete recyclability of package
Biodegradability	Biodegradation in or on moist soil
Volume Conductivity	Conductivity from wall to wall as well as across surface to assure permanence of the antistatic property
Shelf Life	Indefinite

SPECIFICATIONS FOR FOAM:

Property	Test Method	Results
Density	ASTM D3575-91	1.9 lb/ft ³
Surface Resistivity	EOS/ESD DS111-1993	10E7 - 10E9 ohms/sq
Corrosivity	TS 1021BA (UK MOD)	Pass
Water Extract	TS 1021BA (UK MOD)	Pass
Total Chlorine	TS 1021BA (UK MOD)	Pass
Recommended Operating Temperature Range	Internal	+200°F to -95°F
Tear Strength	ASTM D3575-91	14 lbf/in
Tensile Strength	ASTM D2575-91	44 psi

Test Procedures/Method

FED-STD-101, Method 4046

ASTM D257

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EIA 541, appendix E, capacitive probe test

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FED-STD-101, Method 3005 for reducible sulfur

ASTM D4060 at 70 rpm with CS-17 abrasive-coated wheels and 1000 grams load

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Item No.	Size - L x W	Snap
37800	12 x 18	Male
39852	12 x 18	Female
37801	18 x 24	Male
39854	18 x 24	Female



Made in America

TEK-MATE™ BOARD HANDLERS

PROTEKTIVE PAK

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DRAWING NUMBER
37800

DATE:
11/06