



Features

- Portable ESD worksurface that can also be used to transport populated, unsoldered circuit boards
- Static dissipative foam (Rtt 1×10^4 to $< 1 \times 10^{11}$ 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 1×10^6 to $< 1 \times 10^9$ ohms
- Buried shielding layer minimizes sloughing and rub-off contamination
- Made in America

SPECIFICATIONS FOR CORRUGATED MATERIAL

Properties	Typical Values
Surface Resistance	1×10^6 to $< 1 \times 10^9$ ohms
Discharge Shielding	< 50 nanoJoules
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

Test Procedures/Method

ANSI/ESD STM11.11
 ANSI/ESD STM11.31
 ASTM D4060 at 70 rpm with CS-17 abrasive-coated wheels and 1000 grams load
 Rockwell International Test Report of January 8, 1992
 Rockwell International Test Report of January 8, 1992

SPECIFICATIONS FOR FOAM:

Property	Test Method	Results
Density	ASTM D3575-91	1.9 lb/ft ³
Surface Resistance	ANSI/ESD S4.1	1×10^4 to $< 1 \times 10^{11}$ ohms
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

Item	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

Dimensional Tolerances:
 +/- 1/8" unless otherwise specified



Made in the
 United States of America

Specifications and procedures subject to change without notice.

TEK-MATE™ BOARD HANDLERS



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DRAWING NUMBER
 37800

DATE:
 December
 2018