



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