



ISRAEL'S LEADING COMPANY
for the Electronic Production Environment

SHIRTRONICS is pleased to supply you
with the technical specifications as requested:

ANTI-STATIC

FIELD SERVICE KIT

MODEL No. WS -803 (BS 803)



TECHNICAL INFORMATION:

Components:

- * Static-dissipative work surface with two storage pockets, one male snap.
- * 10' straight ground cord with male/female (stackable) snap termination one end, alligator clips at other end.
- * Wrist strap complete with retractile cord. Button, male /female (stackable) snap termination + Antistatic brush.

The ground cords are complete with a one meg ohm resistor. Other values are available on request.

Note: Due to your application, your kit may have been ordered with different cord terminations than specified above. Options include but are not limited to: alligator clip, banana plug, eyelet terminal.

**** THE EFFECTIVENESS OF YOUR KIT DEPENDS UPON
PROPER GROUND CARE AND MAINTENANCE**

GROUNDING:

Your work surface must **NEVER** be connected directly to a Hard Ground. A soft ground is mandatory. Metal cold water pipes, unpainted equipment frames, metal electrical conduit or building frame members usually provide accessible and reliable ground locations. Do not cut or alter the ground cords.

CARE AND MAINTENANCE:

Dirt build-up is unattractive and may affect the mat performance.

Excessive contamination can increase contact resistance.

It is recommended that you remove the mat and clean with detergent and warm water occasionally. The surface under the mat requires normal care and maintenance.

It is recommended that the mat **NOT** be placed on painted, lacquered or varnished surfaces. Prolonged direct contact between the mat and some painted, lacquered or varnished surfaces will result in surface damage in isolated cases.

DO NOT clean the mat with aromatic solvents. An occasional wipe with mineral spirits, VM or P Naphtha or alcohol will clean the surface of the mat. However, the mat should be wiped dry immediately. Since solvents are flammable, they should be used in accordance with the manufacturer's instructions.

Avoid contact between the mat and printed or photocopied documents. Inks may transfer permanently to the mat surface.

Ground cords should be checked periodically for electrical continuity.

All ground cords should be examined on a regular basis, to make sure they are functioning properly.

WARNING:

In the event this mat is to be used on a grounded conductive surface such as a grounded metal workbench, table top, or cabinet, the base of the metal stud(s) on the underside of the work surface must be covered with insulative material, to avoid direct metal to metal contact between the stud base and the grounded metal surface. Failure to cover the base of the stud could provide an alternate unprotected parallel path to ground.

INSTRUCTIONS:

1. Unfold static-dissipative work surface. Remove all items, including hardware, from the storage pockets. Place pocket side down on a convenient work site near repair area.
2. Attach straight ground cord by connecting stackable snap to snap on work surface. Attach Alligator clip to proper ground.
3. Attach retractile cord stackable snap to snap on ground cord already connected to work surface. Attach button snap to the snap on the wrist strap. Wrist strap securely around wrist.
4. You are now safe to remove, handle and repair static-sensitive components on your work surface.
5. At the completion of your call, place hardware in the pockets, fold work surface, and your kit is ready for the next call.

NOTE: The pockets of the work surface are a convenient place to store static-sensitive components for transportation. However, full protection is maintained only when the work surface is grounded. For full protection, place the component in a BOTECH Transparent Conductive Grid bag prior to inserting in a pocket.

IMPORTANT:

These products are not designed nor intended to protect personnel against the danger of electrical shock, as might be caused by the malfunction of electrical equipment. The work surface is designed to aid in the discharge of static electricity only when used with its ground wire properly connected. User assumes all liability regarding damage, loss or related injury. User shall determine the appropriateness of the product for intended application, and assumes total liability in the event of aforementioned damages.