

KRI-TECH

PRODUCTS LTD

Portable Protective Bond Mat

Personal Protective Bond Grid

2010

Versatile, Portable, Lightweight

The Portable Protective Bond Mat provides the best way to establish an equi - potential zone for the employee to stand on during various energized and de-energized work practices.

The Kri-Tech Portable Protective Bond Mat allows compliance with the U.S.A Occupation Safety and Health Administration (OSHA) 1910.269 requirement which states:

“Equi - Potential Zone: Temporary protective grounds SHALL be placed at such locations and arranged in such a manner as to prevent each employee from being exposed to hazardous differences in electrical potential.”

The Portable Protective Bond Mat can easily be taken anywhere needed; it is simple to use, maintain and store.

The mat is manufactured from high-ampacity tinned-copper-braid cable sewn in a grid pattern onto a vinyl/polyester fabric. Cable terminals permit connecting the mat's grid in series with an electrical ground and the subject system component or vehicle.

All the care the mat requires is to wash with a water hose or car wash wand. The mat may be folded or rolled and stored in a tool bag to help keep clean.

Padmount Transformers and Switches

The Kri-Tech Equi-Potential Mat protects workers operating and maintaining pad mounted transformers and switchgear. The Portable Ground Mat in these applications creates an equi-potential zone just as a Pole Band (Contact Bar) does in overhead grounding practices.

Mechanical Equipment Grounding (Vehicles, etc.)

The Kri-Tech Equi- Potential Bond Mat is effective for protecting workers around mechanical equipment, which could become energized, such as utility vehicles and portable substations.

Gang Switches (Transmission & Distribution)

Portable Protective Bond Mats can help eliminate step and touch potential with the operator standing on the mat when connected to the handle of an overhead switch.

Line Apparatus Work

The Portable Protective Bond Mat can be used when installing, maintaining or operating regulators, reclosers and capacitor banks.

Suspect Substation Grids

If the station ground mat integrity is questionable, apply the Portable Protective Bond mat to protect workers.

Simple to Join Multiples for larger areas

Cascading (joining together) mats for a larger protection area is easy with the Cascading Clamp. Connected together, the conductive grid becomes one. Whenever a larger area is needed, simply connect as many mats together as required, using Cascading Clamps.

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Skid Resistant

Skid resistant material is available for use in wet or slippery conditions. This mat has all the qualities of the standard mat, but is specifically designed for aggressive environments.

Ordering Information

Each Basic Unit comes with 6" Ferrules and illustrated instructions. Our new Rugged Connection is an alternate superior corner connection for mats that are used on a daily basis. Please call for prices and Custom Size quotes.

Catalog No.	Size	Weight
101-25-50	58" x 58"	5 lb / 2.2 kg
201-25-50	58" x 120"	10 lb / 4.5 kg
601-25-50	120" x 120"	20 lb / 9 kg
101-25-50-SR	58" x 58" Skid Resistant	5 lb / 2.2 kg
201-25-50-SR	58" x 120" Skid Resistant	10 lb / 4.5 kg
601-25-50-SR	120" x 120" Skid Resistant	20 lb / 9 kg
HV101-25-50	58" x 58" Skid Resistant w/ 3m #2 cable	8 lb / 3.6 kg
HV201-25-50	58" x 120" Skid Resistant w/ 3m #2 cable	15 lb / 7 kg
Storage Bag	24" x 36"	1lb / .4 kg



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