

TECHNICAL DATA SHEET



CABLE STEP COVER, P/N 103-100 FIXED TOP ESD-safe cable cover

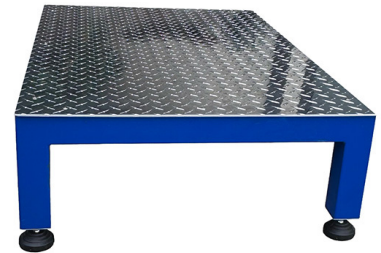
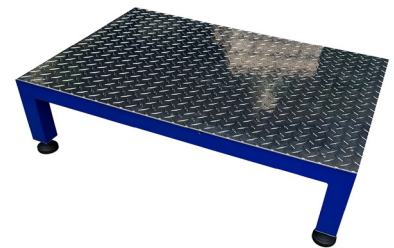
Engineered for ESD-sensitive areas. The Cable Step Cover combines a fixed diamond-tread top surface with a durable frame and conductive leveling feet, integrating with conductive flooring to help control static. It is purpose-built to reduce trip hazards and protect cable bundles in active lab environments, promoting a safer and more organized workspace.

KEY FEATURES

ESD-aware design:	Integrates with conductive flooring to help maintain a controlled resistance-to-ground path
Anti-slip tread:	Diamond-plate tread top surface for confident footing in lab environments
Safety aware design:	Beveled perimeter reduces hazard points
Rigid steel frame:	Powder-coated structure engineered for durability
Leveling stability:	Conductive technopolymer leveling feet help stabilize on uneven floors while supporting ESD control
High load capacity:	500 lb maximum load with safety factor
Field-replaceable components:	Leveling feet may be easily replaced

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Dimensions:	36 in × 24 in × 9.5 in (914.4 mm × 609.6 mm × 241.3 mm)
Weight:	34 lb (15.4 kg)
Top surface:	1/8" Aluminum diamond-tread plate
Frame:	Steel tubing; powder-coated
Frame-to-foot conductivity:	Less than 2 Ω resistance
Leveling foot conductivity:	Surface resistivity = $10^3 \Omega$ (ASTM D991 measuring method) Volume resistivity = $10^3 \Omega\text{cm}$ (ASTM D991 measuring method)
Max load:	500 lb maximum recommended load with safety factor



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APPLICATIONS

Ideal for use in environments where electrostatic discharge (ESD) control is critical.

Key applications include:

- Aerospace & Defense
- Electronics Manufacturing
- Testing Labs
- Cleanrooms
- Controlled Environments
- Semiconductor
- Medical Device Manufacturing
- ESD-Sensitive Settings

Suitable for any facility requiring robust ESD protection.

*Custom variations available.

ORDERING INFORMATION

SKU: (standard) 103-100 — Cable Step Cover Fixed Top Included: assembled frame, diamond-plate top, conductive leveling feet

Options / variants (quote as needed):	• Top material/finish: aluminum (standard) frame steel; alternate materials available • Color: standard blue; custom colors available • Footing: conductive leveling feet (standard); alternative foot types upon request • Documentation: serialization, inspection report
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NOTES

ESD: Unit is designed to be part of an ESD-control system; performance depends on proper installation, conductive flooring, and facility grounding practices. Verify resistance-to-ground per your site standard before use.

Finish: Powder Coated Steel Frame – Indoor Laboratory/Fabrication Use

Surface preparation to include solvent cleaning to remove oils, grease, and contaminants prior to abrasive blasting.

Abrasive blast preparation to SSPC-SP6 (commercial blast) minimum, removing rust, mill scale, and surface contamination that may affect coating adhesion or long-term durability.

Polyester powder topcoat, blue, semi-gloss finish. Target total coating thickness 3–4 mils (DFT). Coating to provide uniform coverage on exposed surfaces, edges, and weld areas suitable for indoor industrial handling conditions.

Customization: Dimensions, finishes, and hardware can be tailored to your workflow—contact sales for engineered-to order variants.