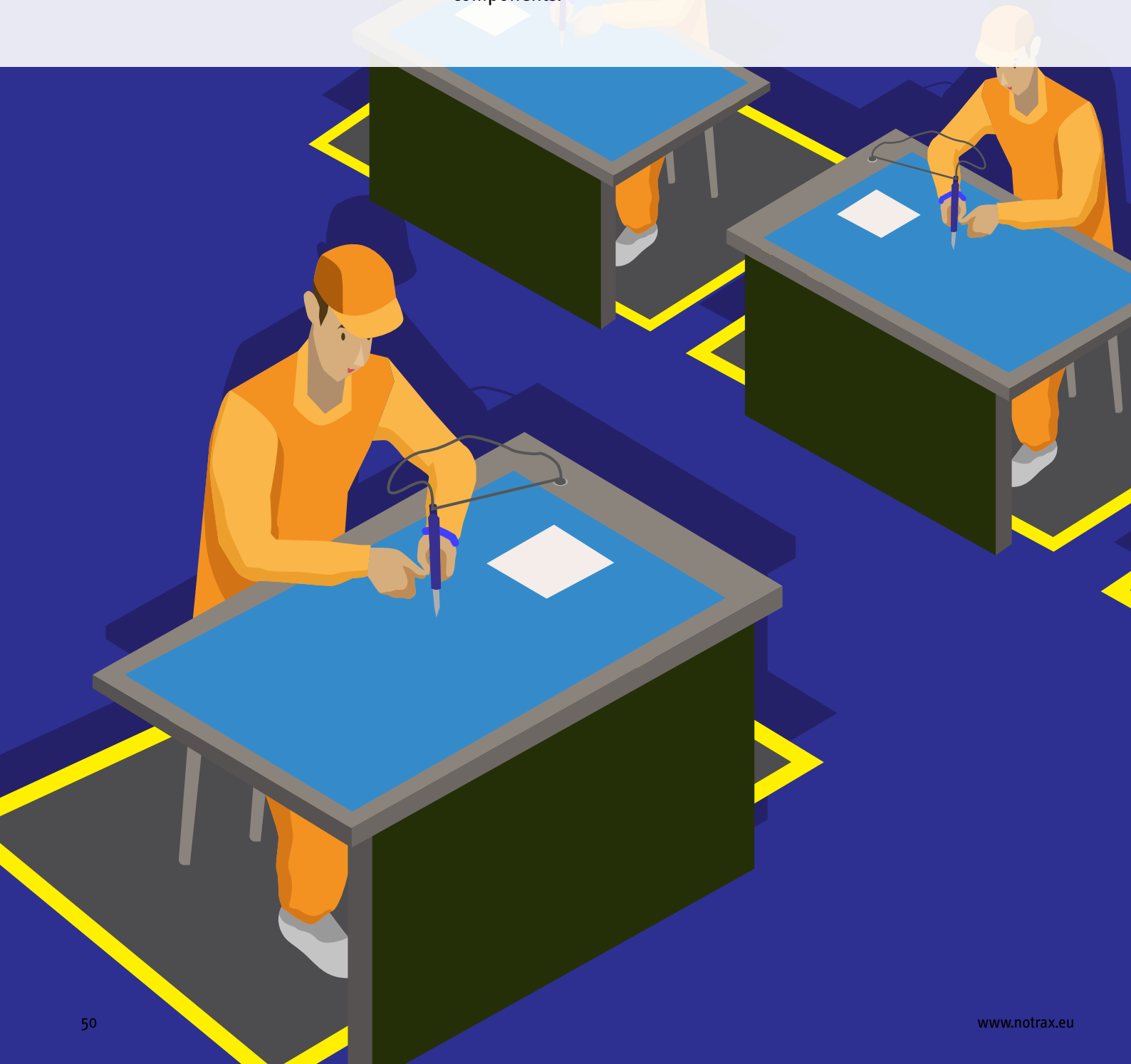
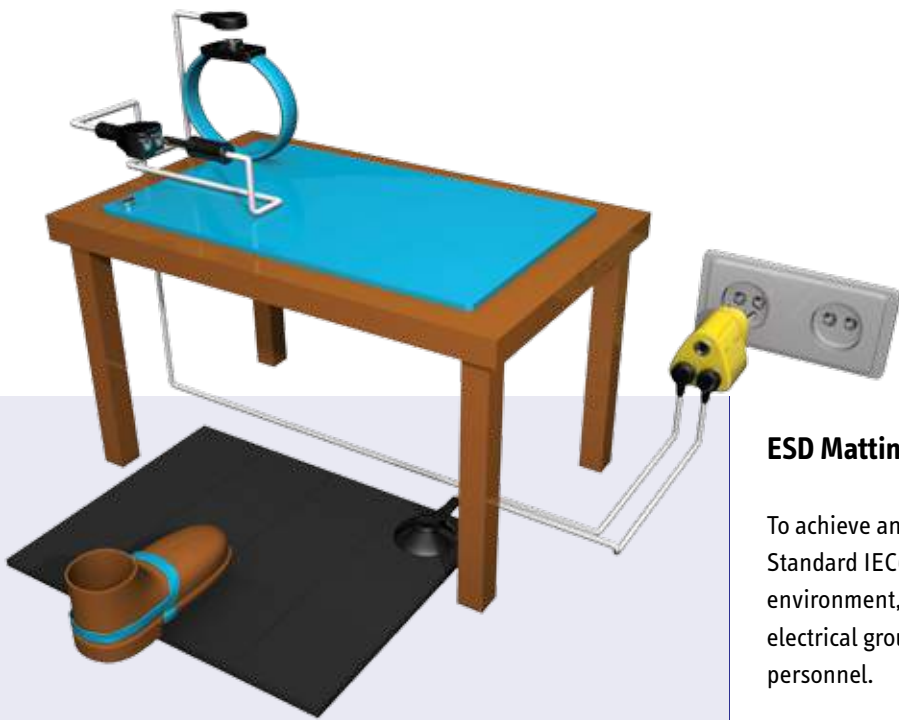


Electric Discharge ESD Solutions

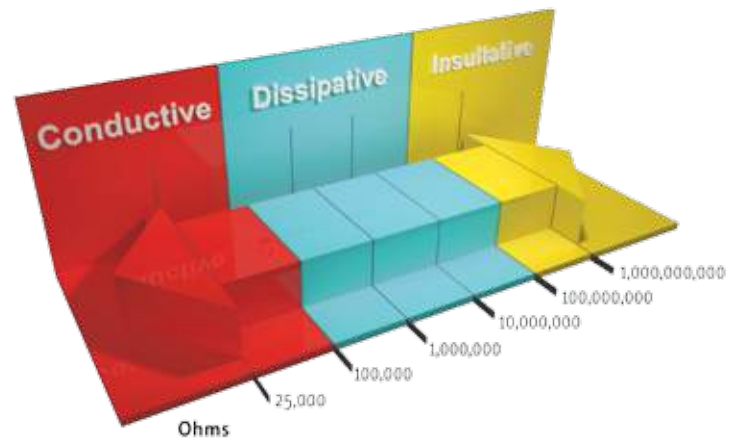
There is a growing demand for anti-static solutions in industrial and commercial environments. In many facilities, people are one of the prime generators of static electricity. The simple act of walking around can generate several thousand volts on the human body, especially in the winter when air becomes drier. If not controlled, static build up can cause static shock to employees and unseen damage to electronic components.





ESD Matting Solutions

To achieve an ESD protective work area while complying with Standard IEC61340-5-1 or ANSI EOS/ESD 6.1, all conductors in the environment, including personnel, must be grounded to the same electrical ground point, creating a balance between all items and personnel.



There are a number of ESD products to help reduce or eliminate static build-up from furniture, gear, footwear to flooring. Out of these multitude of products, many facility managers view static-dissipative flooring as the most-effective means to prevent ESD from becoming a problem. ESD rubber flooring has even been cited by MIT Lincoln Laboratories as having the most effective static protection for any application and the only static resistant product that works regardless of footwear.

ESD matting solutions range from dissipative to conductive to meet IEC61340-4-14 requirements. Static dissipative matting has an electrical resistance range of $10^6 - 10^9$ measured in Ohms. Charges will flow to ground more slowly and in a somewhat more controlled manner than with conductive materials. To achieve an ESD protective work area while complying with Standard IEC61340-5-1 or ANSI EOS/ESD 6.1, all conductors in the environment, including personnel, must be grounded to the same electrical ground point, creating a balance between all items and personnel.

Notrax® also offers a full range of ESD accessories including grounding cords, wrist bands, heel grounders and ESD mat cleaner.

Dry Areas - Static Dissipative Mats

ESD Protective Mats

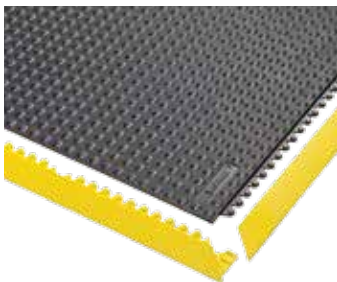
Static dissipative anti-fatigue mats protect against static shocks while providing comfort for standing workers derived from a thick worker platform with vinyl sponge base for fatigue relief. Bevelled edges on all four sides to minimize risk of tripping.

Specifications:

- Meets IEC61340-4-1 (category D1F), measured resistance $R_g 10^6 - 10^9 \Omega$, $R_p 10^6 - 10^9 \Omega$.
- Electrostatic charge (walking test), meets ISO6356 and EN1815.
- Free of DOP, free of DMF, free of ozone depleting substances, free of silicone and free of heavy metals.
- Compatible with ESD Accessories on page 54/55.

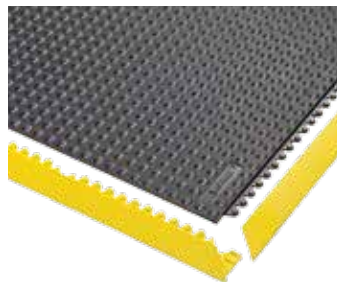


463 Skywalker HD™ ESD



Page 27

464 Skywalker HD™ ESD FR



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558 Cushion Ease™ ESD



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661S Cushion Ease™ ESD FR



Page 21

826 Diamond Stat™

Ergonomic benefit derived from 14 mm thick worker platform of a static dissipative combination of tough top surface laminated onto a comfortable sponge base for maximum durability coupled with fatigue relief. Equipped with 10 mm female socket attached to the mat and grounding cord. Diamond deck plate surface provides traction and allows easy twist turns. Featured with RedStop™ slip resistant backing to prevent mats from shifting. UniFusion™ technology, engineered to resist in the harshest work environments.

Specifications:

- 4.7 mm static dissipative PVC top surface permanently bonded onto a 9.3 mm resilient backing of microcellular vinyl
- Overall thickness: 14 mm
- Weight: 6.5 kg per m²
- Fire classification Cfl-S1 tested according to EN 13501

Recommended uses:

- Heavy duty - dry industrial environments

Colours:

- Black

Full rolls 22.8 m:

- 91 cm x 22.8 m
- 122 cm x 22.8 m

Stock sizes:

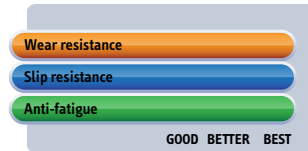
- 91 cm x 150 cm
- 91 cm x 3 m

Custom lengths:

- 91 cm per linear meter
- 122 cm per linear meter



PRODUCT TESTING



825 Cushion Stat™

Ergonomic benefit derived from 9.4 mm thick worker platform of a static dissipative vinyl sponge that reduces fatigue and static build-up. Pebble pattern provides non-directional traction and is easy to clean. Optional 10 mm female socket attached to the mat for connection with optional grounding cord.

Specifications:

- Static dissipative vinyl sponge
- Overall thickness: 9.4 mm
- Weight: 3 kg per m²

Stock sizes:

- 91 cm x 150 cm

Full rolls 18.3 m:

- 91 cm x 18.3 m

Recommended uses:

- Light duty - dry areas

Custom lengths:

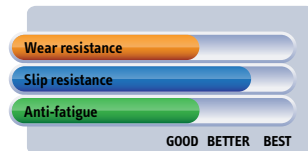
- 91 cm per linear meter

Colours:

- Black/yellow, Black, Grey



PRODUCT TESTING



457 Skystep™ ESD



452 Skywalker® PUR ESD



453 Skywalker® II PUR ESD



Dry Areas - Static Dissipative Table Mats & Accessories

ESD Protection from A to Z

Specialized line of ESD accessories to ensure a static free workplace and protect employees and sensitive electrical equipment. Use these accessories to connect table work surface, employees and conductive material to a common grounding point. This creates a balance between all items and personnel to ensure static electricity will flow to ground in a controlled manner.

Recommended uses:

- For use in ESD working zones to protect electrostatic sensitive components



Ring terminal Art. 051SFG0100



Female socket Art. 051SFG0200



Ring terminal Art. 052SCG0100



Female socket Art. 052SCG0200



Art. 051 Floor Mat Grounding Cord

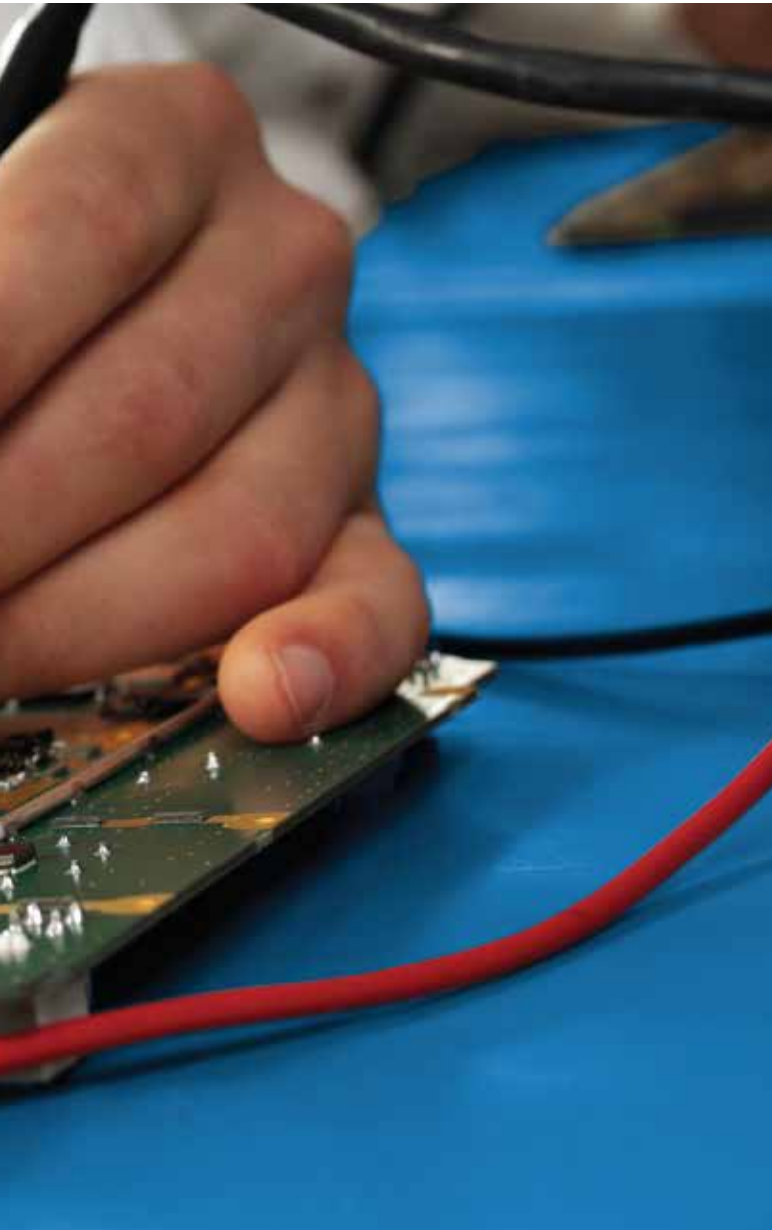
- 4.5m cable and connector that connects a mat to ground
- Easy to install, simply snap it to a mat and connect terminal to ground
- The low profile bevelled cap prevents the cord from being accidentally removed from the mat
- Resistor 1 Meg mat to ground
- Available with a ring terminal or 10 mm female socket that connects to grounding plug
- Meets the requirements of ANSI/ESD S-20.20 and EIA625

Art. 052 Common Grounding Point Cord

- 4.5m cable connects one or two wrist bands and a bench mat to ground
- Assures that all parts are at the same ground potential
- Easy to install, simply snap it to a mat, plug in the wrist strap cord and connect terminal to ground
- Resistor 1 Meg mat to ground
- Available with a ring terminal or 10 mm female socket that connects to grounding plug
- Meets the requirements of ANSI/ESD S-20.20, EIA625 and ANSI/ESD S6.1

Art. 053 Coil Cord

- 1.8m cable connects wristband to common ground point on table mat
- 1 Meg resistor, 10 mm socket snaps to wristband, and the other end is a banana plug
- Meets the requirements of EOS/ESD S1, MIL-STD-1686, and EIA 625



827 Anti-Stat POP™

Static dissipative vinyl work surface that static load from conductive items placed on it. Protects sensitive components safe from damaging static shocks. Smooth top surface that is abrasion resistant and easy to wipe clean with recommended art. 057 Mat Cleaner. Optional grounding cord.

Specifications:

- Microcellular vinyl foam treated with dissipative static properties
- Overall thickness: 6.4 mm
- Weight: 3 kg per m²
- Meets EOS/ESD-S4, measured resistance Rg 10⁷ Ω and Rp 10⁸ Ω
- Electrostatic charge (walking test), meets ISO6356 and EN1815

Colours:

- Blue

Custom lengths 12.2 m:

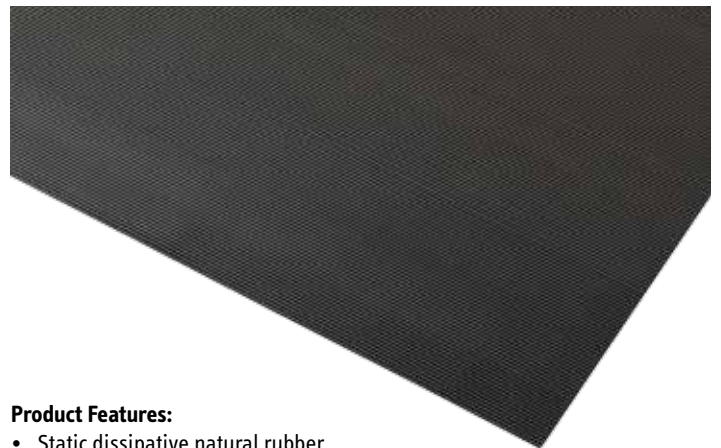
- 60 cm per linear meter
- 76 cm per linear meter
- 91 cm per linear meter

Stock sizes:

- 60 cm x 12.2 m
- 76 cm x 12.2 m
- 91 cm x 12.2 m

754 Rib 'n' Roll™ ESD 3mm fine rib

ESD work surface that dissipates static from conductive items placed on it. Protects sensitive components safe from damaging static shocks. Smooth top surface that is abrasion resistant and easy to wipe clean with recommended art. 057 Mat Cleaner.



Product Features:

- Static dissipative natural rubber
- Overall thickness: 3 mm
- Weight: 3 kg per m²
- Meets EOS/ESD-S4, measured resistance Rg 10⁷ Ω and Rp 10⁸ Ω.
- Electrostatic charge (walking test), meets ISO6356 and EN1815.

Stock sizes:

- 120 cm x 150 cm



Continental Version
Art. 054SEB0100

UK Version
Art. 054SEB0200

Art. 054 Earth Bonding Plug

- Connects grounding cords to ground
- 1 Meg Resistor, 3 x 10 mm male studs, allowing multiple cord connections per plug
- Available in Continental or U.K. version



Art. 055 Heel Grounder

- A device for connecting a walking or standing person to ground by using a conductive rubber thread to provide the necessary electrical contact between the person and the floor mat



Art. 056 Wrist Band

- Wrist Bands connect a worker's skin to ground and are therefore the primary means of controlling static charge on personnel. When properly worn and connected to ground, static charges are safely dissipated from the person
- Meets the requirements of EOS/ESD S1, MIL-STD-1686, and EIA 625



Art. 057 Mat Cleaner

- Mat cleaner is recommended for static safe table and floor mats. Its non-abrasive formula leaves no film and is designed to enhance the static dissipative properties of ESD safe surfaces. Effectively removes flux residues, oil, finger marks and dirt.
- Convenient 1 liter bottle trigger spray