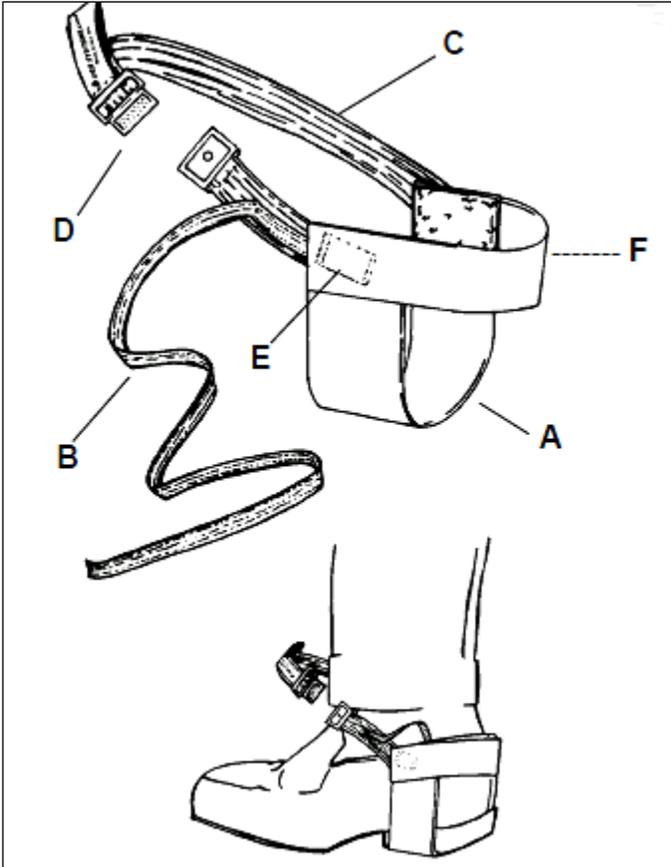


SI-211Y QUICK RELEASE ESD HEEL STRAPS

Professional Grade, Fully Compliant

High Visibility Electric Yellow or Iridescent Blue



United SCP's High Visibility ESD Heel Straps feature colors that make it easy to see who is wearing their straps – and easy to see who is NOT! Adjust the tension one time and the quick release feature maintains the setting, making the straps easy to put on and easy to remove (no need to adjust the tension each time). They are non-marring, fit almost any style of shoe, and have a textured flooring contact surface for outstanding slip resistance.

Fully compliant to the latest Standards!

Components

A: 0.060 Dual layer rubber material, white inner layer (towards shoe), black layer (floor)
B: 0.375" wide x 18" long polyester conductive ribbon tucks into shoe and stays put!
C: ¾" inch wide neon green or iridescent blue elastic stretches for comfort
D: Snap Lock fastening system, onetime adjustment of tension, easy on, easy off
E: 1 Meg Ohm Safety Resistor
F: 1 inch wide electric yellow or iridescent blue elastic stretches for comfort



Electrical Properties

NOTE: Suitable for meeting ANSI ESD S20.20-2014 97.1 and 97.2

Product Qualification per ANSI/ESD S20.20-2014, (table 2, page 4):

ANSI/ESD SP9.2-2019: PASS; Point to Groundable Point <1.0E09 (actual<1.37E06)

Compliance Verification per ANSI/ESD S20.20-2014:

ESD TR-53 Footwear Section: PASS @ <1.0E09 on conductive or static dissipative flooring*

*Combination electrical resistance readings will vary depending on the conductivity of the ESD flooring (or matting). These straps provide an approximately 1 megohm increase to the combination electrical resistance value of the technician's body mass and the ESD flooring.

General Description: United's complete line of foot grounders has been created to provide a continuous path to ground between the technician and a properly grounded ESD floor or ESD floor mat. ESD foot grounders are designed for applications where user mobility is required and are considered as an alternative to ESD Wrist straps for standing technicians when used in conjunction with a properly functioning substrate.

General Guidelines and Method of Operation: It is recommended that ESD heel straps be worn on both feet in order to assure a continuous path to ground. Grounding ribbons should be tucked inside the shoe with as much contact as possible to the bottom of the stockinged foot. Foot grounders rely upon the perspiration in the shoe to sustain electrical contact between the body of the technician and the ribbon, the conductive ribbon makes contact with the black portion of the cup of the heel strap and passes static charges to the ESD floor (or floor mat).

Cleaning: The build-up of dirt and debris forms an insulative residue over a period of time. As such the ESD foot grounders should be cleaned using a dilute solution of ElectraClean and water or as an alternative ElectraMat ESD mat cleaner. Simply spray or soak the heel grounder, brush off the dirt from the conductive portion on the bottom of the strap and allow to air dry. Alternately our straps may be machine washed on a gentle cycle using Woolite®

Testing: Most clients test their heel straps at least once to three times a day. United has various heel strap testers that send a very small electrical charge through the technician to the conductive ribbon and on to the bottom of the conductive cup that contacts the ESD floor or floor mat. Please evaluate our ESD heel strap testers for more information.

Revision History

3/5/2004: Initial Release

1/3/2007: Updated for revised standards

7/9/2013: Updated for revised standards

2/7/2020: Updated for revised standards. Approved SRC