



## ErgoDeck ESD

### Group 557

Static electricity is created by two materials rubbing together, and seeks a path to ground — often through the human body or through sensitive, conductive equipment. The best way to eliminate these risks is to create a [static-dissipative](#) environment. ErgoDeck ESD – a comprehensive flooring solution – offers the best defense. Used over conductive sub-flooring, ErgoDeck ESD is your best defense against fatigue and static shock that could compromise the quality of your products. Made of a proprietary TPO/Carbon blend, the ESD properties are throughout the entire tile. **Must be used over conductive flooring.** [Positive interlocks](#) stay secure, ensuring areas of any size are protected. When installed wall-to-wall, ramps and corners aren't necessary. For transition areas use ErgoDeck's standard, universal ramps.

NOTE: Wear a heel grunder ([793-Heel](#))

- U.S. PATENT NO. D502,557; D520,650
- Standing relief in static sensitive applications
- EOS/ESD S7.1:  $1 \times 10^6 - 1 \times 10^9$  (meets ANSI/ESD 20.20 requirements)
- Use over conductive floor
- Positive Interlocking System prevents separation
- Easily replace single pieces or sections as needed to reduce costs
- Carbon impregnated TPO tiles provide maximum durability
- Overall thickness 7/8"

Learn more about our ESD flooring and matting solutions in our blog - [ESD 101: Everything You Need to Know About ESD Mats, Flooring, and Work Surfaces.](#)

<b>Type</b>	Anti-Fatigue ESD Flooring
<b>Suitable Environment</b>	Dry
<b>Customization Level</b>	C3 - Full Custom (Length, Width, Shape)
<b>Solid or Drainage</b>	Solid
<b>Compound</b>	Carbon impregnated TPO
<b>Recycled</b>	>80%
<b>Warranty</b>	1 Year

Property	Test / Result
Flammability	MVSS 302 / 'A'; Rating
Taber Abrasion	ASTM D 3884 / 1% loss
Temperature Range	0 to 120 F
Coefficient of Friction	ASTM F1677 / Dry: COF = .65 / Wet: COF = .42
Compression Deflection	ASTM D575-91 / 4.84%
Tear Strength	Not Available
ESD Rating	EOS/ESD S7.1: $1 \times 10^6 - 1 \times 10^9$ (meets ANSI/ESD 20.20 requirements)
Dielectric Strength	Not Available

SKU	UPC	Color	Thickness	Dimensions	Stock Part	UOM
557.78x18x18BK-CS10	715411003303	Black	0.875	18" x 18"	Y	CS-10

