



ESD Copper Grounding Strip

TECHNICAL DATA

PRODUCT DESCRIPTION

Application & Use	ESD Grounding Copper Strip is specifically designed for grounding ESD vinyl and rubber flooring materials.
Finish & Appearance	Copper
Nominal Dimensions ¹	1" (25.4 mm) x 18" (50 cm) x 0.004" (0.1 mm) for ESD Vinyl & Rubber Tiles 1" (25.4 mm) x 39.5" (1 m) x 0.004" (0.1 mm) for ESD Vinyl Sheet

PRODUCT PERFORMANCE PROPERTIES

ASTM F152 – Copper Strip	C11000 Electrolytic Tough Pitch
Chemical Properties	Minimum 99.90% Copper
Electrical Conductivity	100.000% IACS @ 68° F (annealed) 58.108 MS/m @ 68° F (annealed)
Electrical Resistance	0.0172 Ω / M
Density	0.322 pounds / cubic inch @ 68° F (annealed)
Modulus	17000 Elastic Modulus in tension ksi

PRODUCT INSTALLATION & WARRANTY INFORMATION

Grounding Requirements for ESD Vinyl Tile & ESD Rubber Tile	One 18" strip needed for every 2,000 sq. ft. of continuous tile installed. Each room smaller than 2,000 sq. ft. will need grounding individually whether connected by a doorway or not. Extra strips are available upon request.
Grounding Requirements for ESD Vinyl Sheet	Two 39.5" strips needed for every 300 sq. ft. of area of sheet installed. Each room smaller than 300 sq. ft. will need grounding individually whether connected by a doorway or not. Extra strips are available upon request.
Lot Controlled	No
Suitable for In Floor Radiant Heat	Yes
Heat Weldable / Required	Not Recommended
Indoor / Outdoor Suitability	Indoor Use Only
Service & Storage Temperature Range ²	60° - 85° F
Required Adhesives ³	Excelsior PSD-805 Modified Pressure Sensitive ESD Adhesive Excelsior USD-810 Urethane Enhanced Epoxy ESD Adhesive
Product Warranty ⁴	One (1) Year Manufacturer's Warranty Lifetime System Commercial Warranty

SUPPORT & ADDITIONAL DOCUMENTATION

Product Support Phone & Email	(800) 633 – 3151 / info@flexcofloors.com
Technical Support Phone & Email	(844) 393 – 4044 / solutions@rhctechnical.com
Product Technical Documentation	www.flexcofloors.com



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Associated or Related Documentation

[PSD-805 Modified Pressure Sensitive ESD Adhesive](#)

[USD-810 Urethane Enhanced Two-Part ESD Adhesive](#)

[Understanding Installation Substrate Requirements Technical Bulletin](#)

[Referenced Standards within Technical Documents Technical Bulletin](#)

[ESD Copper Grounding Strip SDS Sheet](#)

¹ Nominal dimensions are the marketed dimensions of the product. Tolerances are allowed in the manufacturing process and our tolerance range is what is allowed by the ASTM documentation overseeing the product construction.

² See installation documents for full installation details regarding approved substrates, job site conditions and acclimation procedures.

³ Recommended adhesives listed are recommended to be used to obtain the full listed system warranty that includes a bond performance warranty. Material installed with adhesives other than those listed here or an approved option in writing will only have a product manufacturing and wear warranty, no performance or bond warranty.

⁴ See product warranty for full details regarding limitations and warranty coverage.

The contents contained within this Technical Data Sheet (TDS) may be utilized or copied into another projected related document. While this original document will remain in effect at the time of product installation, this TDS shall not be supplemented or replaced by the resulting project documentation. Any alterations to the wording or requirements contained in or derived from this document shall void all related warranties.

See installation information and documents for full installation details regarding substrates, job site conditions, & acclimation procedures. The intent of this document is to provide technical and performance properties of the mentioned adhesive and define the intended method of installation for the products in which the adhesive is approved for use. Any installation guidelines are to be considered as a starting point at a minimum for a successful installation. We rely on the expertise and professionals that are installing the products to adjust based on site conditions. Anything that appears to be a link, is and leads to additional information if necessary or provides a means of contact in the event there are any additional questions. Before accepting this document, refer to the product website to confirm that you have the most current revision.

These products are intended for installation by professionals. Prior to use the user must determine the suitability of our products for the intended use. The user alone assumes all risks and liability.