

PRODUCT DESCRIPTION

ESD Grounding Copper Strip is specifically designed for the grounding of ESD vinyl and rubber flooring materials.

Product Color & Appearance	Copper
Product Size Options	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
Grounding Requirements	
ESD Vinyl & 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.
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.

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
Service & Storage Temperature	60° - 85° F
Indoor / Outdoor Suitability	Indoor Use Only

SUPPORT & ADDITIONAL DOCUMENTATION

Product Support Phone & Email	(844) 393 – 4044 / solutions@rhctechnical.com
Technical Documentation	www.excelsiorproducts.net
Associated or Related Documentation	PSD-805 Modified Pressure Sensitive ESD Adhesive Technical Data USD-810 Urethane Enhanced Two-Part ESD Adhesive Technical Data Excelsior Product Warranty SDS Sheet

The contents contained within this Technical Data Sheet (TDS) may be utilized or copied into another projected related document, but 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 as well as 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. Prior to acceptance of this document refer to the product website to confirm that you have the most current revision.



excelsior[™]
INSTALLATION PRODUCTS

ESD Copper Grounding Strip

TECHNICAL DATA

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