

FreeStyle™ CVT

Offers Low Cost/High Value!

FreeStyle™ CVT provides long-lasting static-protection while offering a total ESD flooring solution for your entire facility. This conductive vinyl tile, direct glue-down option has conductive veins that run through the product, assuring protection for sensitive components. **FreeStyle™ CVT** is available in four standard colors.

Why FreeStyle™ CVT?

Advantages:

- Low Cost
- Permanent static-protection that will last the life of the tile

Versatile Enough for a Wide Range of Applications

- Electronic Manufacturing & Assembly
- Component Device Handling Areas
- Telecommunications/Data Center/Server Rooms
- Research & Development Test Labs
- Modular/Hard-Soft/BIO Safe/ISO-USP Clean Rooms
- Storage/Parts/Inventory Rooms

Best In Class

- Available in four decorative colors
- Tile-to-tile monolithic/seamless appearance
- Easy to clean and maintain

CX THIN FILMS



Photo Lithography Lab window coated with UV/white light eliminating film

CX Thin Films needed reliable ESD protection in their photo lithography labs where they coat, expose and develop negative and positive photoresist films. They selected **FreeStyle™ CVT** because it could give them that protection at a budget-friendly price.

*"The **FreeStyle™ CVT** product has worked perfectly for our Photo Lithography lab. We were looking for a simple, cost effective ESD flooring solution and that is exactly what we received."*



Limited 10-Year Warranty Lifetime Electrical Resistance Warranty

FreeStyle™ CVT is manufactured to provide a durable and long-lasting floor covering under a range of temperature and exposure conditions and is backed by a 10-Year Limited Warranty against wear and a lifetime warranty on electrical resistance. Ask your **FreeStyle™ CVT** dealer for more detailed information.

Installation-Interlocking

FreeStyle™ CVT direct glue down solution installs with either our StaticStop 1-part conductive adhesive or our new conductive spray adhesive.

Regular Maintenance

FreeStyle™ CVT is easy to clean and maintain using SelecTech's specially formulated cleaning & maintenance products: The tiles can be cleaned with standard neutral cleansers or other acceptable cleansers. The tiles can be cleaned by hand using a mop or sponge. A power scrubber or buffer can also be used to clean particularly tough stains and soiling.

Architectural Specifications

All floors shown in the Finish Schedule or listed in this specification shall be **FreeStyle™ CVT** Resilient Flooring, manufactured by SelecTech, Inc. Avon, MA. The product should have an electrical resistance of between 2.5×10^4 and 1.0×10^6 Ohms as measured pursuant to ANSI/ESD 7.1. The product shall be available in 18.5" x 18.5" squares (nominal) and with a thickness of 2mm. The product shall offer a 10-Year Limited Warranty against wear as detailed in the **FreeStyle™ CVT** Warranty brochure. The tiles shall be installed with conductive adhesives. Installation shall be as recommended in the **FreeStyle™ CVT** Installation Guide.

Solvent/Stain Resistance

FreeStyle™ CVT has been tested for solvent/stain resistance per ASTM F-925-96 against a number of fluids, such as oils, acids, solvents, and staining agents.

Physical Properties

Dimensions	18.5" x 18.5"
Thickness	2mm - Stocking Item 3mm & 3.2mm - Special Order
Effective Coverage	2.38 square feet per tile
Weight	1.8 lbs per tile (2mm); 2.71 lbs (3mm)
Critical Radiant Flux ASTM E-648	> 1.0 W/cm ² Meets Class I Fire Rating
Smoke Density ASTM E-662	≤ 450
ASTM 970-1400	Static Load Limit - Maximum residual compression at 0.005 inches after exposure at 24 hours

Electrical Properties

Electrical Resistance ESD S7.1 at 15% RH	2.5×10^4 to 10^6 Ohms
Electrostatic Propensity* ESD STM 97.2 at 15% RH AATCC-134 at 15% RH	<30 volts
Static Decay Method 4046 at 15% RH	<0.02 seconds
ESD S20.20**	Passes

Grounding: Every 1000 Sq. Ft.

*All conductive flooring (regardless of composition or manufacturer) requires appropriate conductive footwear to achieve results in this range.

**Passes and exceeds the requirements for Wrist Strap/ Footwear/Flooring System testing for Product Qualification and Compliance Verification. ANSI/ESD S1.1 (Section 6.11) $< 3.5 \times 10^7$ ohms ANSI/ESD STM 97.1 $< 1.0 \times 10^9$ ohms AND ANSI/ESD STM 97.2 < 100 volts.

For more information contact:

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