



## TECHNICAL DATA

### Product Spec Sheet - Static Dissipative SDT

**Form(s):**
**Tile**

12 in (305 mm) Wide x 12 in (305 mm) Length

**Reference Specs:**

ASTM F 1066 Class 2 - through-pattern  
Meets requirements for size, thickness, squareness, indentation, impact, dimensional stability, resistance to chemicals, and resistance to heat.

**Fire Test Data :**

ASTM E 648 Critical Radiant Flux Class I - 0.45 or more watts/cm<sup>2</sup>

ASTM E 662 Smoke Developed 450 or less  
Numerical flammability ratings alone may not define the performance of the product under actual fire conditions. These ratings are provided only for use in the selection of products to meet the specified limits.

**Static Load Limit:**

ASTM F 970 75 psi (5.27 kg/cm<sup>2</sup>)

**Gauges:**

1/8 in (3.2 mm) overall (nominal)

**Durability :**

1/8 in (3.2 mm) - Very Good

**Maintainability :**

1/8 in (3.2 mm) - Good

**Resilience :**

1/8 in (3.2 mm) - Good

**Electrical Resistance :**

ESD-S7.1 and ASTM F-150 10e6 to 10e9 ohms  
Point to point, and point to ground, when installed as a system.

**Static Generation :**

ESD STM 97.2 at 40% R.H.: <10 volts; at 12% R.H.: <100 volts  
when installed as a system, flooring in combination with ESD footwear and a person.

**Static Decay :**

Fed Test 101c, Method 4046 (5000 volts to zero) in < 0.5 sec.  
when installed as a system, flooring in combination with ESD footwear and a person.

**Approximate Installed Cost (per Sq. Ft.):**
**Tile**

1/8 in(3.2 mm): U.S.: \$5.50 to \$6.00

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