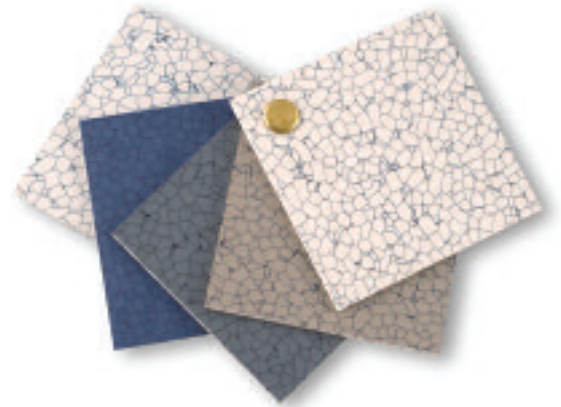




ESD

SOLID VINYL CONDUCTIVE TILE FLOORING



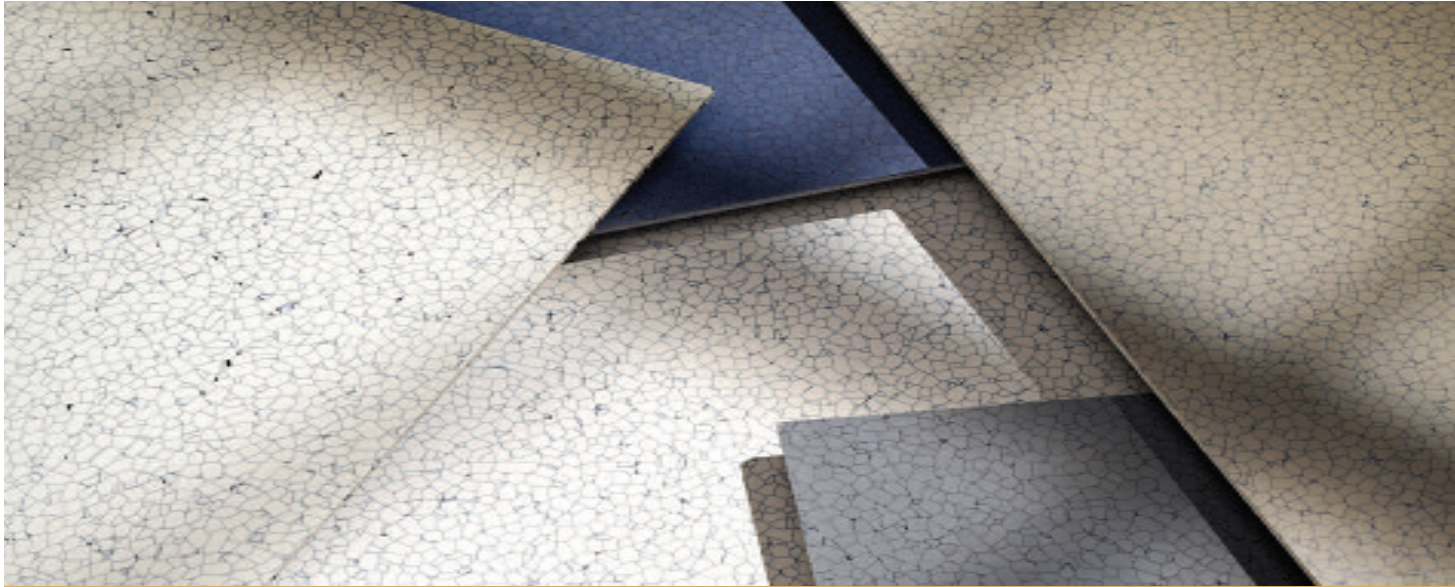
RRESPONSIVE
Vinyl Flooring

ESD

SOLID VINYL CONDUCTIVE TILE FLOORING

Responsive ESD conductive tile is a most cost effective flooring permanent option for controlling ESD. It is fully compliant with ANSI/ESD S20.20 and designed for the demanding environments typical in electronics manufacturing including: assembly, surface mount, and wave solder areas. It is also ideal for use in MRI suites and cleanrooms, as well as operating theaters and munitions facilities.

It is low-maintenance and does not require waxes or floor finishes.



PROPERTY	TEST METHOD	SPECIFICATION
Electrical Resistance surface to surface, surface to ground	ASTM F-150, ESD S 7.1	$2.5 \times 10^4 \Omega$ to $1.0 \times 10^6 \Omega$
Static propensity	ESD STM 97.2	less than 20 volts
Static decay	Federal test method 101B method 4046 @ 15% RH	0.01 sec
Material specification	ASTM F 1700	Class 1, Type A
Thickness	ASTM 386	1/8", 2mm
Squatness	ASTM 540	< 0.010"
Residual indentation	ASTM 1914	<8%
Dimensional stability	ASTM 2199	< 0.20"/ft
Chemical resistance	ASTM 925	no more than a slight change in surface dulling, surface attack, or staining
Static load	ASTM F 970	250 psi
Static load	ASTM F 970 modified	2,500 psi
Smoke density	ASTM E 662	<450
Critical Radiant flux	ASTM E 648	> 1.08 W/ cm2

WARRANTY

Free from defects in material and workmanship for 5 years
Electrical properties, lifetime