

## Introduction

This product be made of PVC, plasticizer, stabilizer, coupling reagents and conductive materials , has permanent anti-static function.

## Applications

Widely applied to Electronics, microelectronics, telecommunications, network floor, clean room, computer room and other precision instrument and room for equipment operation.

## Warranty

- The produces conductive properties have been tested before out of the factory, in compliance with quality standards.
- The sales representatives can also provides technical guidance or support in the job site.
- Within 1 year from purchase, no product defects in the materials and technology, Compliance with Techflor regulations for the installation and maintenance, Techflor there is 10 years guarantee (except for human reasons and install by buyer).

Above guarantee replace any other assurances, including, but not limited to, any guarantee implied in the business feasibility or special purposes.

## Maintenance

- Because Techflor floor is unpermeable, the surface dirty is easy to clean.
- Avoid sharp scratches on the floor by hard object, and maintain a smooth surface.
- Clearing the floor by neutral detergent, dry after washing, then coated with anti-static wax.
- Serious dirty or spots can be used to clean the floor cleaning machine.

## Installation

Techflor Conductive tile and Static-Dissipative tile should be installed on sub floors that are leveled, smooth and free of cracks. Residual humidity should be under 2.5% tested with the CM Dumb test. Tiles, adhesive and installation site should reach a temperature of at least 18°C at least 24 hours before installation. and paste the tiles with qualified conductive glue below 10<sup>5</sup> Ohm for further details on installation methods, please ask us.



Characteristics	Standard	Unit	Result
Type of flooring	ISO 10581 - EN 649		Conductive Tile
Material			Polyvinyl chloride
<b>Safety criteria</b>			
Flammability	EN 13501-1	class	B <sub>s</sub> - s1
Impact sound absorption	ISO 10140	dB	Approx 2dB
Slip resistance	DIN 51130	group	R9
Dynamic coefficient of friction	EN 13893	class	DS
<b>Performance behaviour</b>			
Sheet size	ISO 24341 - EN 426	mm	600 x 600 / 900 x 900
Overall thickness	ISO 243416 - EN 428	mm	2.0 / 2.5 / 3.0
Total weight	ISO 23997 - EN 430	kg/m <sup>2</sup>	3.8 / 4.8 / 5.8
Electric properties	SJ/T11236 - 2001 / EN1081		Conductive 2.5 x 10 <sup>11</sup> - 10 <sup>9</sup> Ω Dissipative 1.0 x 10 <sup>10</sup> - 10 <sup>8</sup> Ω
Decay time	SJ/T10694 - 2006( V  < 100V)		EQUAL 0.4S
Charge voltage	SJ/T10694 - 2006( V  < 100V)		EQUAL 70
Wheel pressure	EN425		No influence
Amount of anti-wear	SJ/T11236 - 2001(≤0.020g/cm <sup>2</sup> )		EQUAL 0.014
Residual indentation	ISO 24343 - 1 - EN 433	mm	< 0.1mm / ≤0.15mm
Dimensional stability	ISO 23999 - EN 434		≤0.10%
Color fastness	ISO 105 - B02	rating	≥6
Resistance to staining	EN 423		No stain
Bend resistance	GB/T 11982.2 - 2015		No
Chemical Resistance	DIN423 / FN ISO 26987		Good
Toxic testing	GB18586 - 2001		Suitable



#### ECO-Friendly Plasticizer

Adhering to the concepts of health, safety and environmental protection, TechFlor continuously optimizes and improves the raw material formula of PVC products. The products use environmentally friendly non-collared benzene plasticizers to provide safety protection for humans and the environment.



#### Optimal Indoor Air Quality

TVOC is a collective name for volatile organic compounds, which are mainly derived from the combustion products of fuel and the release of artificial products (such as interior decoration materials, coatings, furniture, flooring, etc.). The TVOC release of TechFlor products is almost zero, which is at the leading level in the industry and guarantees the best indoor air quality.

