

Technical data	Characteristics	Standards	Unit	ESD CONDUCTIVE ROLL	ESD CONDUCTIVE TILE	
<p>ESD CONDUCTIVE HOMOGENEOUS VINYL FLOORING</p> <p>ESD Conductive Roll: The 2 mm homogeneous material incorporates carbon encapsulated granules throughout its full thickness and has a conductive backing to ensure optimal and constant conductive properties throughout its full life expectancy.</p> <p>ESD Conductive Tile: The conductive carbon coated PVC pellets create a perfect conductive network for permanent conductive properties and antistatic properties throughout its full life expectancy.</p> <p>Recommended applications include: laboratories, clean rooms and electronics manufacturing – wafer fabrication, also in operating theatres.</p> <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> </div> <div style="width: 50%;"> </div> </div>	Type of floorcovering	EN 649 ISO 10581		Homogeneous PVC Type I	Homogeneous PVC Type I	
	Surface treatment				RHPP	-
	Special characteristics				Electrostatic conductive	Electrostatic conductive
	Colours				6	5
	Total weight		EN 430 ISO 23997	g/m ²	2900	3450
	Performance classification		EN 685 ISO 10874		23, 34, 43	23, 34, 43
	Thickness		EN 428 ISO 24346	mm	2,0	2,0
	Roll size Tile size		EN 426 ISO 24341 EN 427 ISO 24342	m / m ²	1,83 x 20 / 36,6	0,61 x 0,61 / 5,21
	Residual indentation		EN 433 ISO 24343-1	mm	< 0,1	< 0,03
	Dimensional stability		EN 434	%	≤ 0,35	≤ 0,10
	Determination of flexibility		EN 435 ISO 24344		Pass	Pass
	Colour fastness to artificial light		EN ISO 105-B02 method 3	level	≥ 6	≥ 6
	Behaviour to fire		EN 13501-1		Bfl - s1	Bfl - s1
	Slip resistance		DIN 51130 EN 13893		R9 DS (> 0,30)	R9 DS (> 0,30)
	Impact sound reduction		EN 140-8 EN ISO 717/2	dB	2	2
	Thermal resistance Thermal conductivity		EN 12667 EN 12524	m K/W W/m K	0,01 0,25	0,01 0,25
	Electrostatic properties when walked on		EN 1815	kV	≤ 2,0 anti-static	≤ 2,0 anti-static
	Electrical resistance to earth		EN 1081	Ohm	10 ⁴ ≤ R ≤ 10 ⁶	10 ⁴ ≤ R ≤ 10 ⁶
	Chemical resistance		EN 423 ISO 26987		Good	Good
	Abrasion group		EN 660-2 ISO 10581		T Type I	T Type I
Castor chair suitability		EN 425 ISO 4918		Yes, type W, EN 12 529	Yes, type W, EN 12 529	
Clean room test		ASTM F51/68 ISO 1466-11999		Class A, non-shedding Class 4	Class A, non-shedding Class 4	
Seam strength		EN 684	N/50 mm N/50 mm	Average value: ≥ 240 Individual values: ≥ 180	Average value: ≥ 240 Individual values: ≥ 180	
Bacteria resistance		ISO 846: Part C		Does not favour growth	Does not favour growth	
TVOC Emissions		ISO 16000-6		≤ 10 µg/m ³ after 28 days	≤ 10 µg/m ³ after 28 days	
ESD Vertical resistance Static electrical charge-system test		EN 61340-4-1 EN 61340-4-5	Ohm Volt	≤ 3,5 x 10 ⁷ < 100	≤ 3,5 x 10 ⁷ < 100	

Manufactured by