



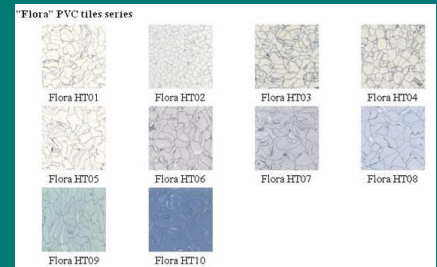
## ESD VINYL TILE

TYPE		ESD VINYL	
Size		600mm x 600mm	
Thickness		2mm / 3mm	
Item	Specification	Conductive Tile	Static Dissipative Tile
Electrical Resistance - Surface to Ground - Surface to Surface	DIN 51593 (500V) ASTM F 150 (500V) Conductive: $2.5 \times 10^6 \sim 10^8 \Omega$ Disparitive: $10^6 \sim 10^8 \Omega$	$2.5 \times 10^4 \sim 10^6 \Omega$	$10^6 \sim 10^8 \Omega$
		Less than 100volts with conductive footwear per ATTCC-134 at 20% relative humidity	
Static Decay	Federal Test Method 101B Method 4046 $\leq$ 0.50sec	0.015 sec	0.015 sec
Composition of Material	ASTM F 1700 Certificate of Compliance	Homogeneous	
Thickness	ASTM F 386, DIN EN 428 As specified $\pm$ 0.15mm	Meets Standard	
Nominal Sizes	ASTM F 536, DIN EN 427 $\leq \pm 0.30\text{mm} / 600\text{mm}$	Meets Standard	
Residual Indentation	ASTM F1914 DIN EN 433 Average less than 8% Max. single reading 10%	<8%	
Flexibility	ASTM F 137 No crack or break	No crack or break	
Dimensional Stability	ASTM Fed. Std. No. 501a, Method 621.1, DIN En434 0.50 mm / 600 mm	Meets Standard	
Resistance to Chemicals	ASTM F925 DIN EN 423 No more than a slight change in surface dulling, surface attack, or staining	No more than a slight change in surface Dulling, surface attach, or staining	
Resistance to Heat	ASTM F 1514 $\Delta E \leq 8$ ave., Max	$< \Delta E = 8.0$	
Resistance to Light	ASTM F 1515 $\Delta E \leq 8$ ave., Max	$< \Delta E = 8.0$	
Smoke Density	ASTM E 662 $\leq 450$	$< 450$	
Flame Spread	ASTM E 84, NFPA225 $\leq 75$	$< 75$	
Thermal Conductivity	DIN 51612	0.305 W/m.k	
Fire Resistance	DIN 4102 ONORM B 3810	B1 Q1	
Critical Radiant Flux	ASTM E 648, NFPA 253	$\geq 1.08 \text{ W/cm}^2$ (Class I Interior Floor Finish, NFPA Life Safety Code 101)	
Abrasion Resistance	ASTM D 1044 CS-10-F Wheel, 500Gm Weight	Cycle	% Gauge Loss
		2,500	0.40
		5,000	0.80
		7,500	1.20
10,000	1.60		
Resistance to Wear	DIN EN 660-1	M	
Effect of Castor Chair	DIN EN 425	No Damage	
Colour Fastness	ISO 105 B02	At least 6	
Impact Sound Absorption	Vil, ISO 140, ISO 717	Approx. 2dB	
Standard for Health Care Facilities	NFPA 99	Confirms to the requirement of NFPA 99 in effect at the time of installation	

## PRODUCT DATASHEET DEVAR – ESD VINYL

### STRUCTURE & ADVANTAGE

The Vinyl tile provides the lowest cost of ownership of any static resistant flooring option. Its high vinyl content and high-pressure manufacturing process makes the vinyl floor both long-wearing and indentation and abrasion resistant. The floor's smooth, non-porous surface has excellent chemical resistance.



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