RANCO INDUSTRIES, INC

SPEC SHEET

Conductive Smooth Anti Fatigue

Prevent the accumulation of static electricity by quickly draining it from operators and eliminate the hazards of data loss or the damaging of micro-circuitry equipment.

- Surface shall be permanently fused to a closed cell polymeric sponge base, comprised of polyvinyl chloride, acrylonitrile butadlene rubber and chloroprene.
- Sponge base shall have a skin surface to block moisture and resist most oils and industrial chemicals.
- Edges of sponge base shall be beveled to within 1” of the top surface to effectively taper the edges of the surface to the floor and create a visibly bonded incline around the perimeter of the mat, and seal the edge of the beveled sponge base to the surface.

Physical Properties and Specifications

Characteristic	Test Method	Result
Surface Configuration		Smooth
Color		Black
Resistivity	ESD-S7.1 1994	< 10^6 ohms
Tensile Strength	ASTM D-412	1000 lbs. / sq. in.
Elongation	ASTM D-412	100%
Puncture Resistance	ASTM D-1046(Section 19)	36.5 Pounds
Taber Abrasion Resistance (Surface)	ASTM D-4060, 1000 Grams, 1000 Revs	.025 grams
Flammability	Motor Vehicle Safety Standard No. 302(49CFR 541.302)	Self-Extinguishing (A)
Surface Hardness (Shore A)	ASTM D-2240	90+/5
Graves Tear Strength:	ASTM D-1004	
Longitudinal		39.3 Pounds
Transitional		40.9 Pounds
Wear Surface Thickness	Calipers	5/32 inches
Ozone Exposure	ASTM-D518	7 days – no change
	Under 10X magnification	50PpHM at 40°C
Weathering	7 days – No visual change	ASTM D-750
Slip Resistance of Composites:		
On Tile Floor	Scales	1.8 Pounds Force
On Carpeted Surface		3.8 Pounds Force
Density (Sponge)		7 lbs. / $ft.^3$
25% Compression Resistance (PSI)	ASTM D-1056	5.0 – 9.0
50% Compression Set (%)	ASTM D-1056	40
Overall Thickness	Gauge	1/2 inches Single Sponge
	Gauge	7/8 inches Double Sponge
Weight	1.4 lbs. sq. ft.	Single Sponge
	2.0 lbs. sq. ft.	Double Sponge