

Mats Inc. Technical Data

for Safety-Walk™ 3270

Product Description

Material	Nonwoven continuous vinyl filaments bonded to a textured vinyl solid to surface
Backing	Coiled vinyl
Standard Sizes No Edging	3' x 10', 3' x 20'
Roll Sizes	4' X 65'
Custom Sizes	4' widths by custom lengths to 65'
Size Tolerance	+/- 2% on length and width

Technical Specifications

	Test	Requirement	3270
Product Dimensions			
Overall weight	ISO 8543	In ounces per square yard	132.72 oz/sq yd
Overall thickness	ISO 1776	In inches	9/16"
Safety			
Critical radiant flux	ASTM E648	Class 1: 0.45 w/cm2 or higher	Class 1
Flammability	NFPA 253		Class 1
Surface flammability	ASTM D2859 CPSC FF 1-70	Test specimen must be greater than 1" in at least 7 of 8 specimens tested	Passes
Coefficient of friction	ASTM C1028	Static coefficient of friction: OSHA min. 0.5; ADA (guideline) min. 0.6	Wet: 0.57; Dry: 0.81
Performance			
Noise reduction	ASTM C423		10%
Fungal growth	ASTM F21		Inhibiting to fungal growth
Electrostatic propensity	AATCC 134	< 3.5 kV	Step: 0.5 kV; Scuff: 1.13 kV
DC insulation resistance	ASTM D257		3.47 x 10 ⁹ ohms
Volume resistivity	ASTM D257		6.38 x 10 ¹⁰
Dielectric strength	ASTM D149		24 kV
Chemical resistance	AATCC 134	Water, 10% salt water, chlorinated water, tri-sodium phosphate, 1% detergent solution, glycerine, 25% sulfuric acid, 10% hydrochloric acid, sodium hydroxide, anti-freeze, 3M industrial degreaser: excellent; peanut oil, ethyl alcohol, hexane, mineral spirits, gasoline, motor oil, diesel fuel, brake fluid, auto transmission fluid: good; acid chrome plating solution, methylene chloride: poor	