



product specifications

marble step mat

PRODUCT COMPOSITION

PRODUCT COMPOSITION	STANDARD/NORMS	DATA
Manufacturing Process	ISO 9001:2000	Fusion-Bonded Composite
Wear Surface		Marbleized ThermoPlastic Rubber (1/8")
Underside		Closed-Cell PVC Foam (3/8")

PRODUCT DIMENSIONS

Gauge		≈1/2" (0.50")
Weight		≈1.5 lbs/ft ²
Underside Density		20 lbs/ft ³

TECHNICAL SPECIFICATIONS

Tensile Strength	ASTM D412	1200 lbs/in ²
Graves Tear Strength	ASTM D1004	150 lbs
Elongation	ASTM D412	200% Longitudinal
Abrasion Resistance		<1% Loss
Taber Abrasion		1000 cycles, 1000g load, CS-17 Wheel
Hardness	ASTM D2240	80 +/- 5 (Shore 'A') 6 months aging (negligible Δ)
Compression		12% max
Static Coefficient of Friction	ASTM C1028	Dry: 0.78

FLAMMABILITY

Flame Resistance	FMVSS 302	Pass
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CHEMICAL RESISTANCE

Acetic Acid: No Effect	Acetone: Not Recommended	Animal Fats: Negligible Effect
Brake Fluid: Negligible Effect	Butyl Alcohol: Negligible Effect	Chlorine (wet): Moderate Effect
Cutting Fluid (water based): Negligible Effect	Cutting Fluid (soluble oils): Not Recommended	Diesel Fuel: Moderate Effect
Gasoline: Moderate Effect	Mineral Oil: Moderate Effect	Nitric Acid: Negligible Effect
Sodium Hydroxide: Negligible Effect	Sulfuric Acid: Negligible Effect	Toluene: Moderate Effect
Transmission Fluid: Moderate Effect	Trichloroethane: Not Recommended	Vegetable Oil: Negligible Effect