

Comfort Step 42 Anti-Fatigue Matting

v122022

PRODUCT COMPOSITION		STANDARD/NORMS	DATA
Manufacturing Process		ISO 9001:2000	Closed-cell expanded PVC Sponge
Surface Aspect			Standard Rib Emboss or Pebble Emboss
PRODUCT DIMENSIONS			
Gauge ($\pm 10\%$)			3/8" (375mil)
Weight			≈ 80 oz/sy
Overall Density			≈ 18.5 lbs/cu. ft.
TECHNICAL SPECIFICATIONS			
Tensile Strength		ASTM D638-90 Die C	100 lbs/sq. in.
Tear Strength		ASTM D624, Die C	15 lbs/sq. in.
Elongation		ASTM D412, Die C	100% minimum
Durometer		ASTM D2240	65 \pm 5 (Shore 'OO')
Compression-Deflection		ASTM D1667	25% at 6.8 PSI, 50% at 19.4 PSI
Static Coefficient of Friction		ASTM C1028	Dry: 0.9160 Wet: 0.9585
FLAMMABILITY			
Flame Resistance		FMVSS 302	Pass
Methenamine Tablet Test		CPSC FF-170	Pass < 1" diameter
CHEMICAL RESISTANCE			
Acetic Acid: Negligible Effect	Acetone: Not Recommended	Animal Fats: Negligible Effect	
Brake Fluid: Negligible Effect	Butyl Alcohol: Moderate Effect	Chlorine (wet): Moderate Effect	
Cutting Fluid (water based): Negligible Effect	Cutting Fluid (soluble oils): Moderate Effect	Diesel Fuel: Negligible Effect	
Gasoline: No Effect	Mineral Oil: Negligible Effect	Nitric Acid: No Effect	
Sodium Hydroxide: Negligible Effect	Sulfuric Acid: No Effect	Toluene: Negligible Effect	
Transmission Fluid: Negligible Effect	Trichloroethane: Moderate Effect	Vegetable Oil: No Effect	