

## HDT SPECIFICATIONS

The HDT Plate Anti-fatigue mat from Rhino mats is an American Standard manufactured in the United States with quality American made componets. This is exacttly the same mat as the Automotive assembly plants demand and "not the cheap look-alike with PVC sponge back.

The HDT mats by Rhino are the benchmark for comparison to all other indudtrial anti-fatigue mats. This strong performer suffers no deterioration from weathering and ozone exposure and is self-extinguishing when tested in accordance with FMVSS-302. These mats offer excellent durability following exposure to many organic and inorganic industrial chemicals.

HDT Anti-Fatigue mats far exceeds the competition with it's closed cell polymeric sponge base that produces the incredibly soft and resilient rebound properties needed in a rigorous manufacturing enviroment.

This industrial standard is available in two thicknesses 9/16" and 1" thick, Standard Stock sizes, 2'X3' & 3'X5', custom lengths from 24", 36", 48", 60", 72", & 96" widths

### PHYSICAL PROPERTIES AND SPECIFICATIONS

<u>Characteristic</u>	<u>Test Method</u>	<u>Result</u>
Tensile Strength	ASTM D-412	850 lbs./sq. in.
Elongation	ASTM D-412	154%
Puncture Resistance	ASTM D-1048 (Section 19)	39.2 Pounds
Taber Abrasion Resistance (Surface)	ASTM D-4060 1000 Grams, 1000 Revs CS-17 wheel	.3 grams lost
Flammability	Motor Vehicle Safety Standard No. 302 (49CFR 571.302)	Self-Extinguishing (A)
Surface Hardness (Shore A)	ASTM D-2240	88
Graves Tear Strength: Longitudinal	ASTM D-1004	40 Pounds
Wear Surface Thickness	Calipers	3/16" inches
Slip Resistance of Composites: On Tile Floor On Carpeted Surface	Scales	1.8 Pounds Force 3.8 Pounds Force
Density (Sponge)		7 lbs.ft. <sup>3</sup>
25% Compression Resistance (PSI)	ASTM D-1056	5.0 - 9.0
50% Compression Set (%)	ASTM D-1056	40
Overall Thickness	Gauge	9/16" inch & 1 inch  7/8 inch
Weight	1.2 lbs. sq. ft. 1.4 lbs. sq. ft.	1/2 inch 7/8 inch

## CHEMICAL RESISTANCE (Surface)

### Chemical

Butyl Alcohol  
Carbon Tetrachloride  
Chromic Acid (dilute)  
Permanganate (dilute)  
Gasoline  
Hydrogen Peroxide (dilute)  
Most acids  
Most Alkalis  
Excellent

### Ranking

Good  
Good  
Great  
Good  
Great  
Good  
Good  
Good

### Chemical

Nitric Acid (dilute)  
Nitric Acid 30%  
Potassium  
  
Sodium Perboate  
Sodium Hydroxide  
Sulfuric Acid (dilute)  
Water