

## Warrior Rubber Gym Flooring Tiles: Specifications

<b>COMPOSITION:</b>	Recycled Rubber – 97% Urethane Binders- 3%	
<b>THICKNESS / WEIGHT: (Nominal)</b>	3/4" (4.0 lbs./sq. ft.) 1/2" (3.0 lbs./sq. ft.) 3/8" (2.0 to 2.2 lbs./sq. ft.) 1/4" (1.6 lbs./sq. ft.)	
<b>SURFACES</b>	Flat, Skid-Resistant, Non-Porous Surface on Both Sides	
<b>COLOR:</b>	Black or Black with flecks of colored EPDM rubber	
<b>TENSILE STRENGTH:</b>	350 psi	
<b>HARDNESS:</b>	60-64 Shore A	
<b>FLAMMABILITY:</b>	Passes Federal Flammability Standard Doc FF 1-70 CPSC	
<b>DIMENSIONAL STABILITY:</b>	+0.242% at two hours @ 60°C -0.092% at 48 hours @ 20°C & 65% Rel. Humidity	
<b>ULTIMATE ELONGATION:</b>	<b>ASTM D412 on 1/8"</b>	83 %
<b>FLAME SPREAD:</b>	<b>(UL 94 Standard, Horizontal Burning Test for Classifying Material 94HB)</b>	0.495"/MIN on 3/4" thick mat
<b>CRITICAL RADIANT FLUX:</b>	<b>ASTM E648-94a</b>	0.11 watts/sq. cm
<b>ELECTRICAL RESISTANCE:</b>	<b>ASTM D991</b>	1.6 x 10 <sup>9</sup> megohms average 5.6 x 10 <sup>8</sup> megohms average
<b>ELECTROSTATIC PROPENSITY:</b>	<b>AATCC Test Method 134-1991</b>	NEG 0.9 KV Maximum Voltage
<b>THERMAL RESISTANCE:</b>	<b>R-Value</b>	1/4": 0.18    1/2": 0.27 3/8": 0.36    3/4": 0.54
<b>THERMAL RESISTIVITY:</b>	0.72 ( <i>all thicknesses</i> )	

<b>THERMAL CONDUCTANCE:</b>	1/4": 5.55    1/2": 3.70 3/8": 2.78    3/4": 1.85			
<b>THERMAL CONDUCTIVITY:</b>	<b>K-Value</b>	1.39 ( <i>all thicknesses</i> )		
<b>TEAR RESISTANCE (ppi):</b>	<b>ASTM D624</b>	150		
<b>COEFFICIENT OF FRICTION:</b>	<b>ASTM D1894</b>	0.96		
<b>DENSITY (lb/ft<sup>3</sup>):</b>	<b>ASTM D3676</b>	64.6		
<b>COMPRESSION &amp; RECOVERY:</b>	<b>ASTM D575</b>	Immediate 98.1% After 24 hours 99.2% After 48 hours 99.4% After 72 hours 99.7% After 96 hours 99.7%		
<b>ACCELERATED WEATHERING: Carbon Arch Weather-ometer</b>	<b>Fed-Std-191 Method 5804 except with filters removed for the test</b>	Tensile, psi Elongation, %	<u>Unexposed</u>  499 145	<u>Full Exposure</u>  344 70

All testing is conducted off site by esteemed independent testing institutions. Copies of actual testing reports from these institutions are available by request.