

RUBBER MAT PRODUCT SPECIFICATIONS

PART 1 – PHYSICAL CHARACTERISTICS

1. Materials: SBR bonded granular black recycled rubber with or without EPDM (a non-recycled colored rubber flec)
2. Thickness / Weight: $\frac{3}{4}$ " (3.8 lbs/sq ft)
(Nominal) $\frac{1}{2}$ " (2.7 lbs./sq ft)
 $\frac{3}{8}$ " (2.0 lbs/sq ft)
3. Appearance: Flat One Side
Anti-Skid, Wire mesh texture surface on opposite side
Both sides non-porous
4. Colors: Black, Natural Black (with small white flec's), or Black with flecks of colored EPDM
5. Size: Standard: 4' x 6' or 4' x 8', custom sizes also available

PART 2 – PHYSICAL SPECIFICATIONS

1. Density: ASTM D 3676 60 lbs/ft
2. Tensile Strength: ASTM D 412 Minimum 300 PSI
3. Ultimate Elongation: ASTM D 412 on 1/8" 83% Minimum
4. Hardness: ASTM D 2240 Shore A 60 +/- 5
5. Coefficient of Friction: ASTM D 1894 0.960
6. Flammability: Passes Federal Flammability Standard Doc FF 1-70 CPSC
7. Flame Spread: (UL 94 Standard, Horizontal 0.495"/MIN on $\frac{3}{4}$ " Mat
Burning Test for Classifying
Material 94 HB)
8. Dimensional Stability: +0.242% at two hours @ 60° C;
-0.092% at 48 hours @ 20° C,
65% Relative Humidity
9. Critical Radiant Flux: ASTM E648-94a 0.11 watts/sq. cm
10. Thermal Resistance: R-Value $\frac{1}{4}$ " : 0.18 $\frac{1}{2}$ " : 0.27 $\frac{3}{8}$ " : 0.36 $\frac{3}{4}$ " : 0.54
11. Thermal Resistivity: .72 (all thicknesses)
12. Thermal Conductance: $\frac{1}{4}$ " : 5.55 $\frac{1}{2}$ " : 3.70 $\frac{3}{8}$ " : 2.78 $\frac{3}{4}$ " : 1.85
13. Thermal Conductivity: K-Value 1.39 (all thicknesses)
14. Tear Resistance (ppi): ASTM D624 150
15. Compression & Recovery: ASTM D575 Immediate 98.1%
After 24 hours 99.2%
After 48 hours 99.4%
After 72 hours 99.7%
After 96 hours 99.7%
16. Accelerated Weathering:

Fed-Std-191 Method 5804		<u>Unexposed</u>	<u>Full Exposure</u>
Except with filters removed	Tensile, psi	499	344
For the test	Elongation, %	145	70