# Rubber Roll Matting: Specifications

| **COMPOSITION:** | Recycled Rubber – 97%  
Urethane Binders- 3% |
| **THICKNESS / WEIGHT:** | 3/8” (2.0 to 2.2 lbs./sq. ft.)  
1/4” (1.6 lbs./sq. ft.) |
| **SURFACES:** | Flat One Side  
Wire Mesh Texture, Anti-Skid Surface on opposite side  
Both Sides Non-Porous |
| **COLOR:** | Black or Black with flecks of colored EPDM rubber |
| **TENSILE STRENGTH:** | 350 psi |
| **HARDNESS:** | 60-64 Shore A |
| **FLAMMABILITY:** | Passes Federal Flammability Standard Doc FF 1-70 CPSC |
| **DIMENSIONAL STABILITY:** | +0.242% at two hours @ 60°C  
-0.092% at 48 hours @ 20°C & 65% Rel. Humidity |
| **ULTIMATE ELONGATION:** | ASTM D412 on 1/8”  
83 % |
| **FLAME SPREAD:** | (UL 94 Standard, Horizontal Burning Test for Classifying Material 94HB)  
0.495”/MIN on 3/4” thick mat |
| **CRITICAL RADIANT FLUX:** | ASTM E648-94a  
0.11 watts/sq. cm |
| **ELECTRICAL RESISTANCE:** | ASTM D991  
1.6 x 10⁹ megohms average  
5.6 x 10⁸ megohms average |
| **ELECTROSTATIC PROPENSITY:** | AATCC Test Method 134-1991  
NEG 0.9 KV Maximum Voltage |
| **THERMAL RESISTANCE:** | R-Value  
1/4”: 0.18  
3/8”: 0.36 |
<p>| <strong>THERMAL RESISTIVITY:</strong> | 0.72 (all thicknesses) |</p>
<table>
<thead>
<tr>
<th>Property</th>
<th>Method/Standard</th>
<th>Value/Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>THERMAL CONDUCTIVITY: K-Value</td>
<td></td>
<td>1.39 (all thicknesses)</td>
</tr>
<tr>
<td>TEAR RESISTANCE (ppi):</td>
<td>ASTM D624</td>
<td>150</td>
</tr>
<tr>
<td>COEFFICIENT OF FRICTION:</td>
<td>ASTM D1894</td>
<td>0.96</td>
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<tr>
<td>DENSITY (lb/ft³):</td>
<td>ASTM D3676</td>
<td>64.6</td>
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| 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%  |
| ACCELERATED WEATHERING:                | Fed-Std-191 Method 5804 except filters | Tensile, psi  
|                                        | removed for the test                    | Unexposed  
|                                        |                                        | 499  
|                                        |                                        | 145  
|                                        |                                        | Full Exposure  
|                                        |                                        | 344  
|                                        |                                        | 70                                               |

All testing is conducted off site by esteemed independent testing institutions. Copies of actual testing reports