# Comparative Weights of Selected Covering Materials

The following weights are accurate enough to provide a good standard for comparison. Most of the weights shown below were obtained from the website www.modelflight.com. Your friendly editor has added the undoped tissue weights, and for those into gram measurements, calculated the grams per square yard for each material. Don’t plan on using a square yard? Just divide by 9 to get the square foot weight. You should keep in mind that there may be small differences between samples of the same material due to manufacturing processes, dyes, etc. Remember, the lighter the airplane, the better it flies and the softer it hits the ground!

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>GRAMS/SQ. IN.</th>
<th>OZ/SQ. YD.</th>
<th>Grams/SQ. YD.</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Asaki Japanese Tissue, Not Doped</td>
<td>0.0390</td>
<td>0.36</td>
<td>10.2</td>
</tr>
<tr>
<td>Nonmetallic EasyBuilt Lite Tissue —Not Doped</td>
<td>0.0533</td>
<td>0.488</td>
<td>13.81</td>
</tr>
<tr>
<td>Metallic Easy Built Lite Tissue — Not Doped</td>
<td>0.0592</td>
<td>0.545</td>
<td>15.424</td>
</tr>
<tr>
<td>Nelson Lite Film (British) Incl. Adhesive</td>
<td>0.066</td>
<td>0.6</td>
<td>16.98</td>
</tr>
<tr>
<td>Airspan</td>
<td>0.074</td>
<td>0.673</td>
<td>19.046</td>
</tr>
<tr>
<td>Litespan</td>
<td>0.093</td>
<td>0.849</td>
<td>24.027</td>
</tr>
<tr>
<td>Light Colored Japanese Tissue/3 thin coats Nitrate</td>
<td>0.0955</td>
<td>0.873</td>
<td>24.706</td>
</tr>
<tr>
<td>Colored Micafilm</td>
<td>0.1128</td>
<td>1.031</td>
<td>29.177</td>
</tr>
<tr>
<td>Light White Silk/5 coats Nitrate</td>
<td>0.124</td>
<td>1.134</td>
<td>32.092</td>
</tr>
<tr>
<td>Ultracote Transparent Lite</td>
<td>0.1268</td>
<td>1.161</td>
<td>32.868</td>
</tr>
<tr>
<td>Fibafilm</td>
<td>0.1345</td>
<td>1.23</td>
<td>34.809</td>
</tr>
<tr>
<td>Colored Skysail/4 coats Butyrate</td>
<td>0.1767</td>
<td>1.615</td>
<td>45.705</td>
</tr>
<tr>
<td>Black Silkspan/5 coats thin Nitrate</td>
<td>0.1811</td>
<td>1.656</td>
<td>46.865</td>
</tr>
<tr>
<td>Colored Transparent Monokote</td>
<td>0.1843</td>
<td>1.685</td>
<td>47.686</td>
</tr>
<tr>
<td>White Japanese Tissue /4 coats 50/50 Butyrate</td>
<td>0.2389</td>
<td>2.184</td>
<td>61.807</td>
</tr>
<tr>
<td>Colored Nylon/6 coats 50/50 Butyrate</td>
<td>0.2395</td>
<td>2.19</td>
<td>61.977</td>
</tr>
<tr>
<td>Opaque Colored Monokote</td>
<td>0.2432</td>
<td>2.224</td>
<td>62.939</td>
</tr>
<tr>
<td>Coverite 21st Century Film</td>
<td>0.2526</td>
<td>2.31</td>
<td>65.373</td>
</tr>
<tr>
<td>White Super Coverite</td>
<td>0.2625</td>
<td>2.4</td>
<td>67.92</td>
</tr>
<tr>
<td>Colored Super Coverite</td>
<td>0.2953</td>
<td>2.7</td>
<td>76.41</td>
</tr>
<tr>
<td>Polyspan/6 coats clear dope+trim*</td>
<td>0.324</td>
<td>3</td>
<td>84</td>
</tr>
</tbody>
</table>

*Per Jim Burkdull in MMFC Sam 1 Exhibits, 5/01