**ACRYLIC – LEXAN – NYLON**

**ACRYLIC SHEET**

American made acrylic sheet Grade C to Specification LP-391 is unshrinkable. When heated to forming temperature of 220-250°F, it will shrink about 2.2% in length and width and will increase about 4% in thickness. When heated to a pliable state it can be drilled, sawed and machined. It has excellent resistance to weathering. It is less than half as heavy as glass and has good impact resistance. .060" or .080" thickness is generally used for side windows and .118" for windshields. Both sides are paper covered for protection. Sheet size: 48"x96". Sold in 2’x2’ increments only. Order by part number (see table).

<table>
<thead>
<tr>
<th>Thickness Inch</th>
<th>Weight Lb./Sq. Ft.</th>
<th>Part No.***</th>
<th>Price Per Sq. Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>.060 Clear</td>
<td>49</td>
<td>03-499-</td>
<td>$2.50</td>
</tr>
<tr>
<td>.060 Tinted**</td>
<td>52</td>
<td>03-504-</td>
<td>$4.06</td>
</tr>
<tr>
<td>.080 Clear</td>
<td>62</td>
<td>03-500-</td>
<td>$2.90</td>
</tr>
<tr>
<td>.080 Tinted**</td>
<td>77</td>
<td>03-502-</td>
<td>$4.58</td>
</tr>
<tr>
<td>.118 Clear</td>
<td>77</td>
<td>03-501-</td>
<td>$4.06</td>
</tr>
<tr>
<td>.118 Tinted**</td>
<td>77</td>
<td>03-502-</td>
<td>$4.58</td>
</tr>
</tbody>
</table>

**LEXAN**

American made Kirex polycarbonate sheet (an equivalent to G.E. Lexan) is a very strong plastic which is guaranteed by manufacturer against American made Kirex polycarbonate sheet (an equivalent to G.E. Lexan) when used as a window for a 3 year period. It will scratch like Plexiglas, but will not break. Clear, masked both sides. Sheet size: 48"x96". Sold in 2’x2’ increments only. Order by part number (see table).

<table>
<thead>
<tr>
<th>Thickness Inch</th>
<th>Weight Lb./Sq. Ft.</th>
<th>Part No.***</th>
<th>Price Per Sq. Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>.060 Clear</td>
<td>37</td>
<td>03-498-</td>
<td>$2.50</td>
</tr>
<tr>
<td>.060 Tinted**</td>
<td>77</td>
<td>03-501-</td>
<td>$4.06</td>
</tr>
<tr>
<td>.080 Clear</td>
<td>49</td>
<td>03-499-</td>
<td>$2.75</td>
</tr>
<tr>
<td>.080 Tinted**</td>
<td>77</td>
<td>03-501-</td>
<td>$4.06</td>
</tr>
</tbody>
</table>

**NYLON PLATE**

NYLON

Nylon, a polyimide resin, is a light yet tough thermoplastic material. Its density is approximately .941 lb./cu.in. It is a tough, resilient material with a low coefficient of friction. Abrasion tests show that Nylon loses less material than do many metals, other plastics, and hard rubber. It can deform under load, then return to its original shape. Nylon retains its impact strength over a wide range of temperatures (-60° to 400°F). It has good resistance to most chemicals. It can be easily machined on most standard metal working machines, power hack saws, band saws, or circular saws. It is desirable to use a saw with a coarse tooth blade.

<table>
<thead>
<tr>
<th>Thickness (Inch)/Lbs.</th>
<th>Wt. per Sq. Ft.</th>
<th>Part No.</th>
<th>Price/ Sq. Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>.060”</td>
<td>38</td>
<td>03-503-</td>
<td>$2.28</td>
</tr>
<tr>
<td>.080”</td>
<td>50</td>
<td>03-504-</td>
<td>$3.15</td>
</tr>
<tr>
<td>.093”</td>
<td>59</td>
<td>03-505-</td>
<td>$3.48</td>
</tr>
<tr>
<td>.118”</td>
<td>78</td>
<td>03-506-</td>
<td>$3.98</td>
</tr>
</tbody>
</table>

**CLEAR CELLULOSE ACETATE SHEET**

May be used to make inspection rings, grommets and shapes which will adhere to fabric with dope or fabric cement. Sheet size: 20" x 50", Thickness: .030". P/N 03-50700 .................................. $59.95/Sheet

**GRAPHITE CARBON FIBER ROD**

Prepreg tape has an inherent waviness which can reduce the strength and stiffness of a laminate. Graphite rod eliminates fiber waviness and unlike tape, it can be placed along any curved surface and retain fiber alignment. Graphite can be used in layers to form building blocks for stiffeners, spar caps, longerons and other axially loaded parts. Components made with Graphlite offer tension strength on the lower wing surface and compression strength on the upper surface that are almost equal. In addition, a single layer of rods is as thick as 10 layers of tape, meaning fewer passes and less effort. Graphite rods increase compression strength, reduce fabrication costs by 50%, can be laid on compound curves, and require no special storage. Available in two rod types: standard module (SM) which is 33-34 MSI and intermediate module which is 42 msi. Sold by the roll. Typical light aircraft requires minimum of 1000 ft. Graphlite rod.

<table>
<thead>
<tr>
<th>Rod Type</th>
<th>Diameter (In)</th>
<th>Part No.</th>
<th>Price per roll</th>
</tr>
</thead>
<tbody>
<tr>
<td>SM</td>
<td>.063</td>
<td>03-50710</td>
<td>$49.50/100 ft</td>
</tr>
<tr>
<td>SM</td>
<td>.093</td>
<td>03-50708</td>
<td>$59.90/100 ft</td>
</tr>
<tr>
<td>SM</td>
<td>.125</td>
<td>03-50707</td>
<td>$116.85/12 ft</td>
</tr>
<tr>
<td>SM</td>
<td>.158</td>
<td>03-50706</td>
<td>$153.50/100 ft</td>
</tr>
</tbody>
</table>

**NYLON ROUND ROD**

<table>
<thead>
<tr>
<th>Diameter (In)</th>
<th>Part No.</th>
<th>Price/Ft</th>
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<tbody>
<tr>
<td>.080</td>
<td>03-51000</td>
<td>$6.65</td>
</tr>
<tr>
<td>.125</td>
<td>03-51200</td>
<td>$43.50</td>
</tr>
<tr>
<td>.158</td>
<td>03-51400</td>
<td>$80.75</td>
</tr>
</tbody>
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Prices Subject to Change Without Notice