# Zinc Coating Thickness Requirements: ASTM A153 vs. F2329

<table>
<thead>
<tr>
<th>Dimension</th>
<th><strong>ASTM A153</strong></th>
<th><strong>ASTM F2329</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Class A</strong> – Castings – Malleable Iron, Steel</td>
<td>3.4 mils 86 μm</td>
<td>3.1 mils 79 μm</td>
</tr>
<tr>
<td><strong>Class B1</strong> – Thickness ≥ 3/16 in &amp; Length &gt; 15 in</td>
<td>3.4 mils 86 μm</td>
<td>3.1 mils 79 μm</td>
</tr>
<tr>
<td><strong>Class B2</strong> – Thickness &lt; 3/16 in &amp; Length &gt; 15 in</td>
<td>2.6 mils 66 μm</td>
<td>2.1 mils 53 μm</td>
</tr>
<tr>
<td><strong>Class B3</strong> – Any Thickness &amp; Length ≤ 15 in</td>
<td>2.2 mils 56 μm</td>
<td>1.9 mils 48 μm</td>
</tr>
<tr>
<td><strong>Class C</strong> – Fasteners, Diameter &gt; 3/8 in</td>
<td>2.1 mils 53 μm</td>
<td>1.7 mils 43 μm</td>
</tr>
<tr>
<td><strong>Class C</strong> – Washers, Thickness = 3/16 in &amp; Thickness = 1/4 in</td>
<td>Ref. A153 Classes C or B</td>
<td>Ref. A153 Classes C or B</td>
</tr>
<tr>
<td><strong>F2329</strong> – Washers, Thickness ≥ 3/16 in</td>
<td>Ref. A153 Class C 2.1 mils 53 μm</td>
<td>Ref. A153 Class C 1.7 mils 43 μm</td>
</tr>
<tr>
<td><strong>F2329 Supplementary Requirement S1</strong> – A394 Bolts</td>
<td>Ref. A153 Class C 2.1 mils 53 μm</td>
<td>Ref. A153 Class C 1.7 mils 43 μm</td>
</tr>
<tr>
<td><strong>Class D</strong> – Fasteners, Diameter ≤ 3/8 in</td>
<td>1.7 mils 43 μm</td>
<td>1.4 mils 36 μm</td>
</tr>
<tr>
<td><strong>Class D</strong> – Washers, Thickness &lt; 3/16 in</td>
<td>1.7 mils 43 μm</td>
<td>1.4 mils 36 μm</td>
</tr>
</tbody>
</table>