ARMORITE®

SMOOTH LINERS

ASGCO® Armorite® is an extremely hard, laminated bi-metallic, wear resistant composite, which has a nominal hardness of 700 BHN (63Rc) produced by combining a highly alloyed chromium-molybdenum white iron (to AS 2027 15/3 Cr/Mo) and metallurgically bonding it to a mild thick steel backing plate. The resultant bond possesses high shear strength of over 250 Mpa and will not separate.

Armorite® Smooth Liners present a very cost effective method of extending wear life within the conveyor system including; chutes, hoppers, bins, impact walls and screen plates.

- Extreme abrasion resistance across a range of industrial mining applications.
- Custom designs available to meet customer requirements.
- Rubber backing available to reduce noise and vibration.
- Optional Nelson studs supplied ex works.
- Liner size allows for localized replacement in high wear areas.
- Reduced conveyor downtime and maintenance costs.
- 3/4" Armorite® (white iron) molded to a mild steel backing plate.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>A Length</th>
<th>B Width</th>
<th>C Thick</th>
<th>D Thick</th>
<th>E Total</th>
<th>Wt Lbs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASG-AMR-5X10X1</td>
<td>Wear Plate</td>
<td>10&quot;</td>
<td>5&quot;</td>
<td>1&quot;</td>
<td>3/8&quot;</td>
<td>1&quot;</td>
<td>6.6</td>
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<tr>
<td>ASG-AMR-6X12X1</td>
<td>Wear Plate</td>
<td>12&quot;</td>
<td>6&quot;</td>
<td>5/8&quot;</td>
<td>3/8&quot;</td>
<td>1&quot;</td>
<td>19</td>
</tr>
<tr>
<td>ASG-AMR-12X12X1</td>
<td>Wear Plate</td>
<td>12&quot;</td>
<td>12&quot;</td>
<td>5/8&quot;</td>
<td>3/8&quot;</td>
<td>1&quot;</td>
<td>38</td>
</tr>
</tbody>
</table>

Custom sizes available at customers request.

Armorite® Product Features:
- White Iron: Modified AS2027 15/3 Cr Mo
- Vacuum brazed and liquid nitrogen cooled to achieve a high strength joint
- Mild steel backing offers strength machinability, and impact resistance
- Can be welded in place, through-bolted, stud bolted, drilled, tapped, keyed
- Ease of fitment, very versatile

Armorite® Bond Zone Layers

WHITE IRON
COPPER BRAZE
MILD STEEL

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