**Oilless Slide Plate**

**Copper Alloy Type**
**Thickness 5mm**

**SO#50SP2**

---

**Operation Range**

<table>
<thead>
<tr>
<th>Lubricant Type</th>
<th>Lubricating Condition</th>
<th>Environment Condition</th>
<th>Max. Allowable Load P (N/mm²)</th>
<th>Max. Allowable PV value (N/mm²)</th>
<th>Max. Allowable Sliding Speed V (m/min)</th>
<th>Operation Range Temperature (℃)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GR-1</td>
<td>No lubrication</td>
<td>Atmosphere</td>
<td>100</td>
<td>15</td>
<td>150</td>
<td>–50 ~ +300</td>
</tr>
<tr>
<td></td>
<td>Regular lubrication</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>–50 ~ +150</td>
</tr>
</tbody>
</table>

**Physical Properties**

<table>
<thead>
<tr>
<th>Specific Gravity</th>
<th>Hardness HB</th>
<th>Elongation %</th>
<th>Tensile Strength N/mm²</th>
<th>Linear Expansion Coefficient x 10⁻⁵/℃</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.9</td>
<td>210 or more</td>
<td>12 or more</td>
<td>755 or more</td>
<td>1.9</td>
</tr>
</tbody>
</table>

---

When tapped holes for mounting are drilled on the mating part, chamfer corners as shown below.

**Material**
Base Copper alloy (SO-2) Solid lubricant (GR-1)

**Accessory**
Flat Head Bolt

---

When the product is used at high temperature (150℃ or more), the embedding specification of solid lubricant is different. Please contact us for details.

---

We are ready to accept requests or orders for special parts.