NU-RAY METAL'S SERIES 1000 CONCEALED FASTENER PANEL utilizes a hidden clip to secure the panel system to the substrate for fast and easy installation. No mechanical seaming or snap-on caps are needed. Nu-Ray offers an extensive palette of Cool color options featuring either Cool Nu-Shield with Teflon® surface protector or ULTRA-Cool™ Kynar 500® paint systems, as well as Zincalume Plus, real copper and aluminum.

Nu-Ray Series 1000 Specifications
- 1½” high rib design
- Meets UL-90 test requirements
- Variable widths of 12”, 16” and 20”
- Optional intermediate pencil ribs, flat panel or striations
- Hidden clip/fastener system
- Allows for thermal expansion and contraction
- Minimum 3:12 roof pitch
- 18” on-center clip spacing with one screw per clip
- Available in 24 gauge ULTRA-Cool Kynar 500®
- Available in 26 gauge Cool Nu-Shield™ with Teflon® surface protector
- Available in 26 gauge and 24 gauge Zincalume Plus
- Available in 16 oz. and 20 oz. copper
- Available in .032 and .040 aluminum
- 07610/ENG
- BUYLINE 6628
- ASTM E-283-73, ASTM E-84-87, ASTM E-330

Available in 26 gauge Cool Nu-Shield™ with Teflon® surface protector

Series 1000 Load Table

<table>
<thead>
<tr>
<th>Gauge</th>
<th>Width</th>
<th>3’0” Span</th>
<th>3’6” Span</th>
<th>4’0” Span</th>
<th>4’6” Span</th>
<th>5’0” Span</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 ga. steel</td>
<td>12”</td>
<td>112</td>
<td>83</td>
<td>63</td>
<td>50</td>
<td>40</td>
</tr>
<tr>
<td>24 ga. steel</td>
<td>16”</td>
<td>75</td>
<td>55</td>
<td>42</td>
<td>33</td>
<td>27</td>
</tr>
<tr>
<td>.032” alum.</td>
<td>12”</td>
<td>69</td>
<td>51</td>
<td>39</td>
<td>31</td>
<td>25</td>
</tr>
<tr>
<td>.032” alum.</td>
<td>16”</td>
<td>43</td>
<td>32</td>
<td>24</td>
<td>19</td>
<td>16</td>
</tr>
</tbody>
</table>

Notes:
1. Allowable loads are based on 1980 edition of AISI specifications.
2. Deflection is limited to L/240 of span.
3. Loads are based on spans of 3 or more.
4. FY = 50 ksi for steel panels.
5. Uplift values based on attachment to 16 ga. purlins with 2 #10-16 x 1” SD ST screws.