**SINGLE CONDUCTOR**

**Description:**
Single tinned copper conductor, stranded and insulated with moisture and heat resistant, chemically crosslinked polyethylene. Available in colors.

**Application:**
Suitable for use in 105°C dry systems.

**SWITCHBOARD WIRE**

**SIS or RW90**

600/1,000 Volt Copper

**Description:**
Single tinned copper conductor, stranded and insulated with moisture and heat resistant, chemically crosslinked polyethylene. Available in colors.

**Application:**
Suitable for use in 105°C dry systems.

<table>
<thead>
<tr>
<th>Flex-Strand Catalog Number</th>
<th>Size (AWG)</th>
<th>Stranding Flex-Strand (no.)</th>
<th>Stranding Class B (no.)</th>
<th>Insulation Thickness (mils)</th>
<th>Nominal Diameter Overall (in.)</th>
<th>Approx. Net Weight (lb./1000')</th>
<th>Ampacity** (30ºC ambient) 90ºC Wet/Dry</th>
<th>Ampacity** (30ºC ambient) 90ºC Wet/Dry</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIST16</td>
<td>16*</td>
<td>26</td>
<td>7</td>
<td>30</td>
<td>0.121</td>
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<td>41</td>
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<td>0.274</td>
<td>100</td>
<td>75</td>
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</tr>
</tbody>
</table>

*#16 AWG is FPH-2 600V. NOTE: Copper Conductor available Non-Tinned.**

**Standards:**
UL 44
C(UL)US: UL Listed/C(UL): Certified by UL for use in Canada (#14 AWG and larger)
ICEA S-95-658/NEMA WC-70
Flame Rated: UL 1581, VW-1 (#14 AWG and larger)
Dual Rated Type XHHW-2 (#14 AWG and larger), UL 66 Fixture Wire (#16 AWG)
Temperature Rated at 90°C Wet/Dry, Cold Temperature Rated at -40°C Sunlight Resistant (#16 AWG and #6 AWG), Gasoline and Oil Resistant II RoHS Compliant

**NOTE:** The data shown is approximate and subject to standard industry tolerances.