SIS Cable (Switchboard)

**APPLICATIONS**
- Predominantly used in utility substations switchboards
- Rated 600 Volts

**CONSTRUCTION DETAILS**
- **Conductors**
  - 18 AWG thru 2 AWG Tinned, Annealed Copper
  - 18 AWG thru 10 AWG, Class K Stranding
  - 8 AWG thru 2 AWG, Class H Stranding
- **Insulation**
  - Flame-retardant, Heat, and Moisture Resistant, and Cross-Linked Polyethylene
- **Color Code:** Gray
- **Print**
  - For 18 AWG & 16 AWG: SOUTHWIRE XXAWG XLPE 600V 90C VW-1 SEQUENTIAL FOOTAGE MARKS
  - For 14 AWG & 2 AWG: SOUTHWIRE XXAWG SIS or XHHW-2 UL TYPE 600V 90C VW-1 SEQUENTIAL FOOTAGE MARKS

**SPECIFICATIONS**
Southwire’s Type SIS Cable meets or exceeds:
- All applicable ASTM Standards
- UL Type XHHW-2
- UL 1581 VW-1

**OPTIONS**
- **Stranding Classes**
  - Bare Copper Conductors
- **Insulation Color**
- **UL Listed SIS/XHHW-2 for Sizes 14 AWG thru 2 AWG**

Additional constructions available upon request

**COLOR OPTIONS**
- Dark Red
- Dark Blue
- Dark Green
- Black
- White
- Gray (Standard)

**CONSTRUCTION AT A GLANCE**

<table>
<thead>
<tr>
<th>Size (AWG)</th>
<th>Stranding</th>
<th>Nominal Insulation Thickness (inches)</th>
<th>Nominal Overall Diameter</th>
<th>Approximate Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>16</td>
<td>0.025</td>
<td>0.097</td>
<td>8.4</td>
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<tr>
<td>16</td>
<td>26</td>
<td>0.025</td>
<td>0.110</td>
<td>12.0</td>
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<tr>
<td>14</td>
<td>41</td>
<td>0.030</td>
<td>0.138</td>
<td>18.0</td>
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<tr>
<td>12</td>
<td>65</td>
<td>0.030</td>
<td>0.154</td>
<td>28.0</td>
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<tr>
<td>10</td>
<td>105</td>
<td>0.030</td>
<td>0.178</td>
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<tr>
<td>8</td>
<td>133</td>
<td>0.045</td>
<td>0.261</td>
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<td>133</td>
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<td>0.290</td>
<td>105.0</td>
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<td>133</td>
<td>0.045</td>
<td>0.320</td>
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<td>2</td>
<td>133</td>
<td>0.045</td>
<td>0.428</td>
<td>252.0</td>
</tr>
</tbody>
</table>

Dimensions and weights shown above are nominal and subject to industry tolerances.