RPS Commercial grade heat-shrinkable wire identification sleeves

RPS markers are heat shrinkable marking sleeves for wire and cable identification. When RPS is printed with Tyco Electronics recommended printers and ink ribbons, the marks remain legible, without any post printing process, even when exposed to abrasion, aggressive cleaning solvents, and industrial fluids.

RPS markers are designed to meet the wire identification needs of commercial and industrial customers.

Features and benefits

- Permanent identification sleeves
- Computer printable
- Excellent print performance
- Configured for ease of kitting
- Good chemical and solvent resistance
- 3:1 shrink ratio
- CSA Certified, UL Recognized

Temperature rating

- Operating temperature range: -30°C to +105°C (-22°F to +221°F)
- Minimum recovery temperature: +85°C (+185°F)
- Maximum storage temperature: +40°C (+104°F)

Specifications/approvals

- Tyco Electronics: RW 2510
  TTDS-019
- Military: SAE AS8131 4.6.2
  MIL-STD-202 Method 215J
- Industry: UL Recognized – standard 224,
  file E35586
  CSA Certified – file 31929

Printer information

- Tyco Electronics printer: AM6310 (dot matrix)
  T20BM (thermal transfer - low volume)
  T3 12M (thermal transfer)
- Tyco Electronics ribbon: 1892BK04-4RPSCE (dot matrix)
  TMS-101-RIBBON-4RPSCE (thermal transfer
  for T20BM)
  TMS-RJS-RIBBON-4RPSCE (thermal transfer
  for T312M)

Part numbering system

RPS-1K-22-18/2.0-S1-9

- Color
- Scoring (optional)
- Sleeve length (inches)
- US wire gauge size
- Pack size
- Product family
RPS Commercial grade heat-shrinkable wire identification sleeves

Ordering information

Available sizes and formats

<table>
<thead>
<tr>
<th>Ordering description</th>
<th>Inside diameter as supplied (mm)</th>
<th>Inside diameter after recovery (mm)</th>
<th>Recommended use range (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>D(min)</td>
<td>d(max)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>inches</td>
<td>inches</td>
<td></td>
</tr>
<tr>
<td>RPS-1K-22-18/2.0-&lt;color&gt;</td>
<td>3.18</td>
<td>1.07</td>
<td>1.17 - 2.66 0.046 - 0.105</td>
</tr>
<tr>
<td>RPS-1K-18-12/2.0-&lt;color&gt;</td>
<td>4.75</td>
<td>1.57</td>
<td>1.75 - 4.06 0.069 - 0.160</td>
</tr>
<tr>
<td>RPS-1K-16-10/2.0-&lt;color&gt;</td>
<td>6.35</td>
<td>2.11</td>
<td>2.31 - 5.46 0.091 - 0.215</td>
</tr>
<tr>
<td>RPS-1K-8-4/2.0-&lt;color&gt;</td>
<td>9.53</td>
<td>3.18</td>
<td>3.47 - 8.12 0.137 - 0.320</td>
</tr>
<tr>
<td>RPS-1K-10-2/2.0-&lt;color&gt;</td>
<td>12.70</td>
<td>4.22</td>
<td>4.64 - 10.79 0.183 - 0.425</td>
</tr>
<tr>
<td>RPS-1K-6-250/2.0-&lt;color&gt;</td>
<td>19.05</td>
<td>6.35</td>
<td>6.99 - 16.25 0.275 - 0.640</td>
</tr>
<tr>
<td>RPS-1K-1-400/2.0-&lt;color&gt;</td>
<td>25.40</td>
<td>8.46</td>
<td>9.29 - 21.59 0.366 - 0.850</td>
</tr>
<tr>
<td>RPS-1K-400-1000/2.0-&lt;color&gt;</td>
<td>38.10</td>
<td>19.05</td>
<td>20.95 - 33.02 0.825 - 1.300</td>
</tr>
</tbody>
</table>

Total width as supplied 90.18 mm (3.550 inches) including tape and carrier width.

Options

Prescoring Perforated score to produce multiple marker sleeves from each RPS sleeve.

<table>
<thead>
<tr>
<th>Number of prescores</th>
<th>1 prescore</th>
<th>2 prescores</th>
<th>3 prescores</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code</td>
<td>S1</td>
<td>S2</td>
<td>S3</td>
</tr>
</tbody>
</table>

Package sizes Standard 1K-1000 piece packs

Nonstandard Smaller and larger pack sizes are available. Please contact Tyco Electronics.

Colors Standard White Yellow

| Code | 9   | 4   |

Ordering information: Specify product name, pack size, sleeve size, prescore, format and color.

Ordering example: RPS-1K-22-18/2.0-S2-9

---

Dimensions not italicized are in millimeters while dimensions in inches are italicized.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6732
Canada: 1-905-470-4425
Mexico: 01-800-733-8926
C. America: 52-55-5-729-0425

South America: 55-11-3611-1514
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-141-810-8967

www.tycoelectronics.com