Ruggned, Heavy Wall,
Adhesive-Lined, Polyolefin
Heat-Shrinkable Tubing

Product Facts
- Withstands mechanical abuse for increased product reliability
- Highly resistant to impact and abrasion
- Provides high level of strain relief when installed on splices and joints
- Resistant to chemicals, moisture and oils
- Provides a complete moisture-proof seal preventing corrosion of underlying components
- RoHS compliant

Applications
Ruggned, heavy wall RHW tubing is specifically designed for insulating, protecting and sealing electrical connections and joints in low-voltage cables. The material used is both halogen-free and UV resistant. It provides splice insulation thickness equal to or greater than standard wire insulation manufactured to common industry standards,

RHW is a suitable choice for applications where maximum reliability, product performance and simplified insulation are required. Because RHW is heat-shrinkable, a minimum number of sizes are needed to cover a wide range of cables and splice diameters. This product is only available with a co-extruded layer of hot melt adhesive coating.

Installation
- Minimum shrink temperature: 110°C [230°F]
- Minimum full recovery temperature: 125°C [257°F]

Operating Temperature Range
-55°C to 110°C [-67°F to 230°F]

Specifications/Approvals

<table>
<thead>
<tr>
<th>Series</th>
<th>UL</th>
<th>Raychem</th>
</tr>
</thead>
<tbody>
<tr>
<td>RHW</td>
<td>Approval pending</td>
<td>RHW SCD</td>
</tr>
</tbody>
</table>

Available in: Americas, Europe, Asia Pacific
### RHW (Continued)

#### Product Dimensions

<table>
<thead>
<tr>
<th>Size</th>
<th>Minimum Expanded as Supplied</th>
<th>Maximum Recovered After Heating</th>
<th>Minimum Jacket Wall</th>
</tr>
</thead>
<tbody>
<tr>
<td>123</td>
<td>12 [0.472]</td>
<td>3 [0.118]</td>
<td>2.2 [0.086]</td>
</tr>
<tr>
<td>164</td>
<td>16 [0.630]</td>
<td>4 [0.158]</td>
<td>2.4 [0.094]</td>
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<tr>
<td>246</td>
<td>24 [0.945]</td>
<td>6 [0.236]</td>
<td>2.7 [0.108]</td>
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<tr>
<td>348</td>
<td>33 [1.299]</td>
<td>8 [0.315]</td>
<td>4.0 [0.157]</td>
</tr>
<tr>
<td>4812</td>
<td>48 [1.880]</td>
<td>12 [0.472]</td>
<td>4.5 [0.177]</td>
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<tr>
<td>5616</td>
<td>56 [2.205]</td>
<td>16 [0.630]</td>
<td>4.4 [0.175]</td>
</tr>
<tr>
<td>7020</td>
<td>70 [2.756]</td>
<td>20 [0.787]</td>
<td>4.4 [0.173]</td>
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<tr>
<td>9025</td>
<td>90 [3.543]</td>
<td>25 [0.984]</td>
<td>4.2 [0.169]</td>
</tr>
<tr>
<td>11050</td>
<td>110 [4.331]</td>
<td>30 [1.181]</td>
<td>4.3 [0.169]</td>
</tr>
<tr>
<td>13055</td>
<td>130 [5.118]</td>
<td>35 [1.378]</td>
<td>4.3 [0.169]</td>
</tr>
<tr>
<td>16050</td>
<td>160 [6.229]</td>
<td>50 [1.968]</td>
<td>4.3 [0.169]</td>
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<tr>
<td>18050</td>
<td>180 [7.087]</td>
<td>50 [1.968]</td>
<td>4.3 [0.169]</td>
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<td>20050</td>
<td>200 [7.874]</td>
<td>50 [1.968]</td>
<td>4.3 [0.169]</td>
</tr>
<tr>
<td>25065</td>
<td>250 [9.842]</td>
<td>65 [2.559]</td>
<td>4.3 [0.169]</td>
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<tr>
<td>32065</td>
<td>320 [12.598]</td>
<td>95 [3.740]</td>
<td>4.3 [0.169]</td>
</tr>
<tr>
<td>360110</td>
<td>360 [14.264]</td>
<td>110 [4.331]</td>
<td>4.2 [0.169]</td>
</tr>
</tbody>
</table>

*Wall thickness will be less if tubing recovery is restricted during shrinkage.*

### Ordering Information

<table>
<thead>
<tr>
<th>Color</th>
<th>Standard</th>
<th>Black to</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size selection</td>
<td>Always order the largest size that will slide snugly over the component to be covered. Special odd sizes available upon request.</td>
<td></td>
</tr>
<tr>
<td>Standard packaging</td>
<td>1000mm and 1500mm lengths.</td>
<td></td>
</tr>
<tr>
<td>Marking</td>
<td>Tubing will be marked with product name, size and batch number.</td>
<td></td>
</tr>
<tr>
<td>Ordering description</td>
<td>Specify product name, size, cut length (for example, RHW 123-1000-ABH10).</td>
<td></td>
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</tbody>
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Dimensions are in inches and millimetres unless otherwise specified. Values in brackets are metric equivalents.