**ENGINEERING SPECIFICATIONS**

**Standards**
Underwriters Laboratories Stranded UL-83, UL-1581, UL-2556; NEMA WC70/ICEA S-95-658; ARRA 2009 Section 1605
"Buy American" Compliant; MasterSpec Division 26 Sections 260519, 260523; UL-Listing #E-123774

**CONSTRUCTION**

**Conductors**
Bare annealed copper per ASTM-B3

**Insulation**
Color-coded Polyvinyl Chloride (PVC), heat and moisture-resistant, flame retardant compound per UL-83

**APPLICATIONS**

Type TW is suitable for use in conduit or other recognized raceways for services, feeders, and branch-circuit wiring. Suitable for use in wet or dry locations where temperatures do not exceed 60°C.

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**SIZE**

<table>
<thead>
<tr>
<th>Size (AWG)</th>
<th>No. of Strands</th>
<th>Insulation Thickness PVC (in)</th>
<th>Outside Diameter (in)</th>
<th>Net Weight (lbs/1000 ft)</th>
<th>Standard Packaging (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>Solid</td>
<td>0.045</td>
<td>0.219</td>
<td>69</td>
<td>500', 1000', 2500', 5000' Reels</td>
</tr>
</tbody>
</table>

The above data is approximate and subject to normal manufacturing tolerances.

**PRINT LEGEND:** ENCORE WIRE CORPORATION 8 AWG TYPE TW 600 VOLTS OIL-RESISTANT VW-1 (UL) DATE/TIME/OPER/Q

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1. PVC Insulation
2. Solid Copper Conductor