



**SAE J2549 TWP**  
**Transportation Primary Wire**  
**85°C Temperature Rating**

**Features**

Conductors available in tinned or copper  
Insulation: 85°C PVC  
RoHS and REACH Compliant

**Product Design Options**

Custom strand constructions  
Custom diameter to meet design criteria  
Various colors for base and stripe combinations  
Packaging options: reels or drums

**Compliances**

SAE J1128 Type TWP Low Voltage Primary Wire  
SAE J2334 Laboratory Cyclic Corrosion

**Applications**

Cables used for transportation electrical  
Suitable for use inside the engine compartment  
and the trailer.  
Voltage Electrical Systems up to 60V

<b>AWG size</b>	<b>Number of Strands</b>	<b>Strand Size (ga)</b>	<b>Nom Cond OD (in)</b>	<b>Nom OD (in)</b>	<b>Min Wall (in)</b>	<b>Approx. Net Weight (lbs/Mft)</b>	<b>Approx. Cu (lbs/Mft)</b>
22	19	34	0.031	0.064	0.012	4	2
20	19	32	0.039	0.073	0.012	5	3
18	19	30.5	0.045	0.078	0.012	7	5
16	19	29	0.056	0.088	0.011	10	7
14	19	27	0.069	0.103	0.011	15	12
12	19	25	0.088	0.126	0.013	23	19
10	19	23	0.108	0.155	0.015	37	30
8	19	21	0.137	0.184	0.017	56	48

***Customer Service Group***

1 Prestolite Drive Paragould, Arkansas 72450  
Phone: 800-952-3842 870-236-8141  
Fax: 870-239-6139  
Web: [www.prestolitewire.com](http://www.prestolitewire.com)