

## TW/THW



### Scope:

Single conductor PVC (polyvinyl chloride) insulated, 600-volt dual rated TW/THW. Suitable for power, grounding, and lighting in residential, commercial, and industrial applications.



### Applicable Standards and Tests:

- ASTM B-1, B-3, and B-8
- NEC 310, NFPA 70
- The California Department of Transportation (CALTRANS.)
- Spark tested at 7500 VAC



### Construction:

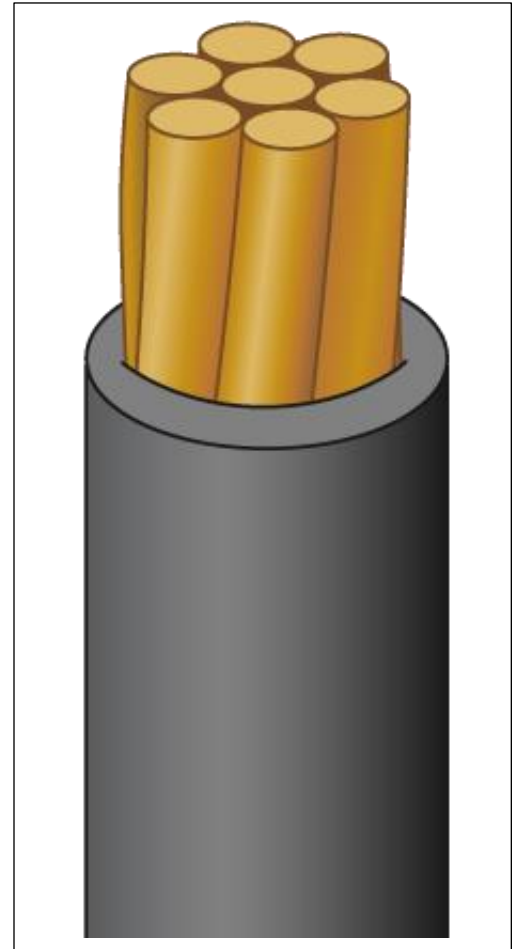
**Conductors:** The single conductors are solid or stranded annealed, coated, or bare copper.

**Insulation:** Concentrically applied PVC insulation rated at -25°C to 75°C, wet or dry locations.



### Identification and Packaging:

The wire shall be identified by surface marking indicating the manufacturer, AWG size, voltage rating, UL symbol, temperature rating of 75°C and type designation. 500 ft/spl. packed 4/box or 2500 feet/spl spools are standard. Custom lengths are available by request.



AWG	Standard Number of Strands	Insulation (mils)	Alternative Insulation (mils)	Nominal Overall Diameter – Inches (standard strands)	Approx. Shipping Weight (Lbs/Mft)
14	Solid or 7	30	45	0.13/0.14	18/19
12	Solid or 7	30	45	0.14/0.16	28/29
10	Solid or 7	30	45	0.17/0.18	41/42
8	Solid or 7	45	60	0.22/0.24	72/74
6	Solid or 7	60	-	0.28/0.31	105/107
4	7 or 133	60	-	0.35/0.39	160/167
2	7 or 133	60	-	0.41/0.45	250/265
1	19	80	-	0.49	324
1/0	19	80	-	0.53	398
2/0	19	80	-	0.58	496
3/0	19	80	-	0.63	611
4/0	19	80	-	0.69	755