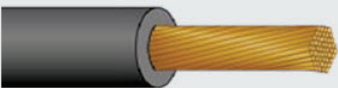


THW-2



APPLICABLE TESTS AND STANDARDS

- ✓ ASTM B-1, B-3, B-8, B-33 AND B-173
- ✓ UL 1685
- ✓ NFPA 70/NEC 310
- ✓ CSA C22.2 NO. 75

FEATURES

- ✓ 600V RATED
- ✓ -25°C TO 90°C MAX CONTINUING OPERATING TEMPERATURE IN WET OR DRY LOCATIONS

PRINT LEGEND

- ✓ KRIS-TECH WIRE CO. #XX AWG TYPE TW OR THW OR THW-2 90C 600V (UL) OR TW C(UL)

VALUE ADD SERVICE

- ✓ CUSTOM LENGTHS AND PUT-UPS
- ✓ 12 AVAILABLE COLORS
- ✓ WIRE PARALLELING AND CABLING
- ✓ WIRE STRIPING
- ✓ CUSTOM PRINT LEGENDS AND LABELS

SCOPE

This single-conductor cable is commonly used in general purpose wiring circuits, as machine tool wiring, and for internal wiring in appliances. Other applications include refrigeration wiring, air conditioning equipment, machine control wiring, service entrances, and some motor types.

CONSTRUCTION

Conductors: Single conductors are stranded, annealed or hardened, tin coated or uncoated copper.

Insulation: Conductors are insulated with a concentrically applied PVC (polyvinyl chloride).

IDENTIFICATION AND PACKAGING

Print legends on the wire shall include the manufacturer, conductor size, voltage rating, UL symbol (if applicable) and type designation. Standard length spools are 500 or 2500 feet.

AWG	Standard Number of Strands	Insulation Thickness (Mils)	Nominal Overall Diameter (Inches)	Approx. Shipping Weight (Lbs/1000')	Ampacity @ 90°C*
14	1, 19	30	0.12 / 0.13	18 / 19	25
12	1, 19	30	0.14 / 0.15	26 / 27	30
10	1, 19	30	0.16 / 0.18	39 / 40	40
8	1, 7	45	0.22 / 0.24	65 / 66	55
6	1, 7	60	0.28 / 0.30	105 / 107	75
4	7, 133	60	0.35 / 0.38	160 / 163	95
2	7, 133	60	0.41 / 0.45	242 / 246	130
1	19	80	0.49	316	145
1/0	19	80	0.53	390	170
2/0	19	80	0.58	481	195
3/0	19	80	0.63	593	225
4/0	19	80	0.69	739	260
250	37	95	0.77	884	290
300	37	95	0.82	1045	320
350	37	95	0.87	1213	350
400	37	95	0.95	1379	380
500	37	95	1.00	1725	430

*Ampacity is from NEC Article 310. Check with local codes authority for guidance with your application.



SNAP FOR MORE INFORMATION