



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 75°C MAX CONTINUING OPERATING TEMPERATURE IN WET OR DRY LOCATIONS

PRINT LEGEND

- ✓ KRIS-TECH WIRE CO. #XX AWG TYPE TW OR THW 75C 600V (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, 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)	Alternative Insulation Thickness (Mils)	Nominal Overall Diameter (Inches)	Approx. Shipping Weight (Lbs/1000')	Ampacity @ 75°C*
14	1, 7	30	45	0.13 / 0.16	18 / 22	15
12	1, 7	30	45	0.15 / 0.18	27 / 31	20
10	1, 7	30	45	0.18 / 0.21	40 / 45	30
8	1, 7	45	60	0.24 / 0.27	66 / 73	40
6	1, 7	60	-	0.30	107	55
4	7, 133	60	-	0.38	163	70
2	7, 133	60	-	0.45	246	95
1	19	80	-	0.49	316	110
1/0	19	80	-	0.53	390	125
2/0	19	80	-	0.58	481	145
3/0	19	80	-	0.63	593	165
4/0	19	80	-	0.69	739	195
250	37	95	-	0.77	884	215
300	37	95	-	0.82	1045	240
350	37	95	-	0.87	1213	260
400	37	95	-	0.95	1379	280
500	37	95	-	1.00	1725	320

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



SNAP FOR MORE INFORMATION