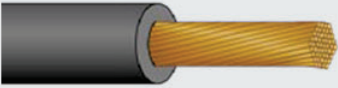


MTW/TEW/AWM WIRE



APPLICABLE TESTS AND STANDARDS

- ✓ ASTM B-1, B-3, B-8, B-33, AND B-173
- ✓ UL 758
- ✓ NFPA 70/NEC 310
- ✓ CSA C22.2

FEATURES

- ✓ 600V RATED (MTW, TEW)
- ✓ 1000V RATED (AWM)
- ✓ -25°C TO 105°C MAX CONTINUING OPERATING TEMPERATURE IN WET OR DRY LOCATIONS

PRINT LEGEND

- ✓ KRIS-TECH WIRE CO. #XX AWG TYPE MTW OR THW OR TW OR AWM STYLE XXXX 600V (UL) OR CSA TYPE TEW FT-1 105C

VALUE ADD SERVICE

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

SCOPE

Machine tool wire, also known as appliance wiring material or thermoplastic equipment wire, is used for general purpose wiring, machine tools, air conditioning equipment, appliances, and control cabinets and circuits.

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 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	AWM Style	Insulation Thickness (Mils)	Nominal Overall Diameter (Inches)	Approx. Shipping Weight (Lbs./1000')
22	7	1015	30	0.09	5
20	10	1015	30	0.10	7
18	16	1015	30	0.11	9
16	26	1015	30	0.12	13
14	19	1015	30	0.13	18
12	19	1015	30	0.15	27
10	19	1015	30	0.18	40
8	133	1028	45	0.25	69
6	133	1283	60	0.33	111
4	133	1283	60	0.38	163
2	133	1283	60	0.45	246
1	19, 133	1284	80	0.49 / 0.54	316 / 329
1/0	19, 133	1284	80	0.53 / 0.59	390 / 403
2/0	19, 133	1284	80	0.58 / 0.62	481 / 492
3/0	19, 133	1284	80	0.63 / 0.69	593 / 608
4/0	19, 133	1284	80	0.69 / 0.75	739 / 753
250	37	1284	95	0.77	884
300	37	1284	95	0.82	1045
350	37	1284	95	0.87	1213
500	37	1284	95	1.00	1725



SNAP FOR MORE INFORMATION