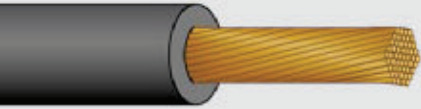


MTW / TEW OR AWM HOOK UP WIRE



APPLICABLE STANDARDS AND TESTS

- ✓ ASTM B-1, B-3, and B-8, B-33
- ✓ UL 83, UL 758, UL 1063 and UL1581
- ✓ TEW-FT-1, NEC 310, NFPA 79, and CSA 22.2
- ✓ Spark tested at 7500 VAC

PRINT WHEEL

- ✓ 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 stripping
- ✓ Custom print legends and labels

SCOPE

Single conductor machine tool wire (MTW) with appliance wiring material (AWM) and with Thermoplastic Equipment Wire (TEW) – FT-1 is suitable for general purpose wiring, machine tools, and control cabinets and circuits. Note: VW-1 available where required. Also meets requirements of type THW-2, THW and TW.

CONSTRUCTION

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

Insulation: Concentrically applied PVC (polyvinyl chloride) insulation rated at -25°C to 105°C, 600V for MTW and TEW, 1000V for AWM.

IDENTIFICATION AND PACKAGING

The wire shall be identified by surface marking indicating the manufacturer and AWG size. Products will be identified and surface printed in accordance with the UL and CSA requirements. 500 ft/spl. packed 4/box or 2500 ft. spools are standard.

Custom lengths, non-standard colors, AWG and custom packaging are available by request.

AWG	Standard Number of Strands	AWM Style	Insulation Thickness (mils)	Nominal Overall Diameter – Inches (standard strands)	Approx. Shipping Weight (Lbs/Mft)
22	7	1015	30	0.09	6
20	10	1015	30	0.10	7
18	16	1015	30	0.11	10
16	26	1015	30	0.12	14
14	19	1015	30	0.13	20
12	19	1015	30	0.15	30
10	19	1015	30	0.18	40
8	133	1028	45	0.26	74
6	133	1283	60	0.33	116
4	133	1283	60	0.38	167
2	133	1283	60	0.45	265
1	19 or 133	1284	80	0.49	353
1/0	19 or 133	1284	80	0.53	428
2/0	19 or 133	1284	80	0.58	481
3/0	19 or 133	1284	80	0.63	594
4/0	19 or 133	1284	80	0.69	735
250 MCM	37	1284	95	0.76	885
300 MCM	37	1284	95	0.82	1048
350 MCM	37	1284	95	0.87	1216
500 MCM	37	1284	95	1.00	1730



SNAP FOR MORE INFORMATION

Spec: MTW / TEW or AWM Hook Up Wire
 Issued: 09/16/2024
 Supersedes: 05/23/2024