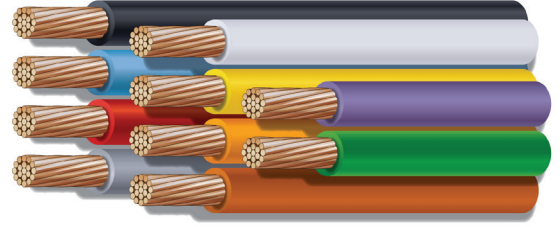


# MTW Machine Tool Wire 105°C 600V

## APPLICATION:

MTW Machine Tool Wire is for machine tool and appliance wire applications; for general purposes wiring in control cabinets; for applications up to 90°C and 600 volts. MTW Machine Tool Wire is also rated TEW per CSA.



## CONDUCTORS:

- Stranded soft drawn bare copper conductor per ASTM B3

## INSULATION:

- Polyvinyl chloride (PVC) insulation, which is resistant to acids, alkali, grease, chemicals, abrasion and moisture. Available in several insulation colors

## STANDARDS:

- UL 758 & 1063
- UL Style 1032 (1000V) (AWG 18-AWG10 Class-K Flex)
- UL Style 1344 (600V) (AWG 8)
- UL Style 1232 & 1346 (600V) (AWG 6-AWG 2)
- UL 44 VW-1 Flame Test
- CSA FT-1 flame test
- MTW/AWM/TEW Rated
- MTW Operating Temperature: Dry: 90°C Oil: 60°C Wet: 60°C
- AWM Operating Temperature: Dry: 105°C Oil: 60°C Wet: 75°C
- TEW Operating Temperature: Dry: 105°C Oil: 60°C
- RoHS and REACH Compliant

Part Number	Conductor Size	No. of Strands	Insulation Thickness		Overall Diameter		Net Weight lbs/kft
	AWG/kcm		inches	mm	inches	mm	
18STRMTW	18	16	0.030	0.76	0.113	2.87	11
16STRMTW	16	26	0.030	0.76	0.125	3.18	14
14STRMTW	14	41	0.030	0.76	0.139	3.53	20
12STRMTW	12	65	0.030	0.76	0.158	4.01	28
10STRMTW	10	105	0.030	0.76	0.182	4.62	43
8STRMTW	8	19	0.045	1.14	0.246	6.25	74
6STRMTW	6	19	0.060	1.52	0.315	8.00	114
4STRMTW	4	19	0.060	1.52	0.365	9.27	167
2STRMTW	2	19	0.060	1.52	0.430	10.92	252

All values are nominal and subject to correction.

