

**Thermoplastic Equipment Wire TEW MTW-AWM**

**TEW/AWM 1015/1019/1020/1230 MTW**

- Solid or Stranded Bare, Tinned, or Prefused Copper
- Thermoplastic Insulation
- 105°C Dry
- 600 Volts
- 60° Moisture Resistant

Solid or Stranded Bare, Tinned, or Prefused Copper



Thermoplastic Insulation

**APPLICATIONS**

*Suitable for use as follows:*

- For use in internal wiring of electrical equipment in dry or damp locations
- Applications include electric ranges, heating equipment and lighting fixtures

**SPECIFICATIONS**

- Solid or stranded conductor of soft bare, tinned, or prefused copper
- Available in all colors except clear and transparent
- CSA Spec. C22.2, No. 127
- UL Spec. AWM Style 1015, 1019, 1020, 1230, 1284, 1032, 1283, 1232, 1028
- CSA LL90458
- UL E30398

**CONSTRUCTION**

- Solid or stranded conductor of soft bare, or tinned, or prefused copper
- Thermoplastic insulation

**PACKAGING**

- Packaged in spools or drums

**WEIGHTS, MEASUREMENTS AND PACKAGING**

Size AWG	Number of Strands	Insulation Thickness mm	Insulation Thickness inches	Nominal O.D. mm	Nominal O.D. inches	Net Weight kg/km	Net Weight lbs/Mft
20	1	0.76	0.030	2.39	0.094	10	7
20	7	0.76	0.030	2.54	0.100	10	7
20	10	0.76	0.030	2.46	0.097	10	7
18	1	0.76	0.030	2.64	0.104	13	9
18	7	0.76	0.030	2.77	0.109	13	9
18	16	0.76	0.030	2.77	0.109	13	9
18	41	0.76	0.030	2.77	0.109	13	9
16	1	0.76	0.030	2.87	0.113	18	12
16	7	0.76	0.030	3.05	0.120	20	13
16	19	0.76	0.030	3.05	0.120	19	13
16	26	0.76	0.030	3.05	0.120	20	13
16	65	0.76	0.030	3.05	0.120	20	13
14	1	0.76	0.030	3.20	0.126	27	18
14	7	0.76	0.030	3.43	0.135	28	19
14	19	0.76	0.030	3.43	0.135	27	18
14	41	0.76	0.030	3.45	0.136	28	19
12	1	0.76	0.030	3.68	0.145	39	26
12	7	0.76	0.030	3.94	0.155	40	27
12	19	0.76	0.030	3.96	0.156	40	27
12	65	0.76	0.030	4.01	0.158	40	27
10	1	0.76	0.030	4.17	0.164	58	39
10	7	0.76	0.030	4.42	0.174	61	41
10	19	0.76	0.030	4.55	0.179	61	41
10	104	0.76	0.030	4.65	0.183	63	42
8	7	1.14	0.045	6.12	0.241	100	67
8	84	1.14	0.045	6.55	0.258	113	76
8	133	1.14	0.045	6.73	0.265	108	72
6	133	1.52	0.060	8.64	0.340	179	120
6	259	1.52	0.060	8.64	0.340	171	115
4	189	1.52	0.060	10.16	0.400	253	170
2	304	1.52	0.060	11.68	0.460	384	257
1	399	2.03	0.080	13.97	0.550	505	338
1/0	494	2.03	0.080	15.11	0.595	604	405
2/0	418	2.03	0.080	16.38	0.645	753	505
3/0	570	2.03	0.080	17.68	0.696	975	653
4/0	2090	2.03	0.080	19.81	0.780	1194	800



*Technical data and dimensions are subject to change without notice.*