



CSA TEW, UL 1015, 1028, 1283, 1284

Bare Copper Conductor 105°C, 600 Volts

Description

Thermoplastic Equipment Wire (TEW) copper hook-up or lead wire Flexible Machine Tool Wire (MTW) or Appliance Wiring Material (AWM)

Approvals

CSA TEW per requirements of Spec C22.2 No 27, FT-1.
 UL MTW/AWM per requirements of Spec UL 1063 Subject 758, VW-1.
 UL Styles 1015, 1028, 1283, 1284.
 Other possible styles: UL 1230, 1231, 1232, 1650, 10269.

Construction

Solid or stranded, bare copper conductor(s)
 Polyvinyl Chloride (PVC) insulation
 (Tinned or prefused conductors are also available)

Temperature Rating

CSA/UL -30°C to 105°C in dry locations
 Not to exceed 60C in wet locations or when exposed to oil or coolant.
 When used as MTW not to exceed 90C

Voltage Rating:

CSA/UL 600 Volts

Bend Radius

Flexible 10x Outer-Ø
 Fixed 5x Outer- Ø

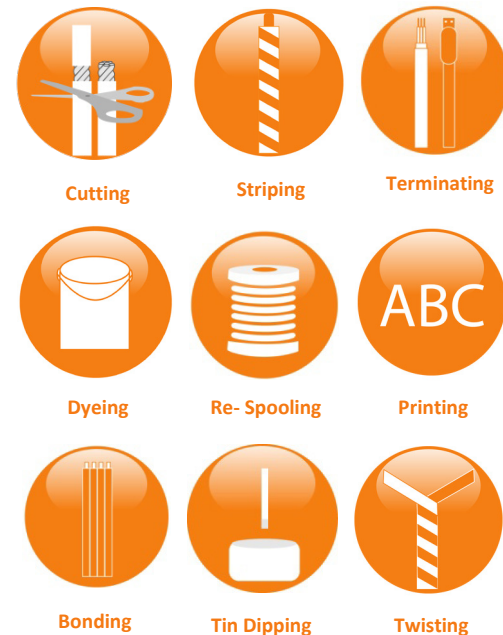
Application:

TEW - for internal wiring of electrical equipment, leads of transformers, motors etc.
 MTW - for use machine tool wire,
 AWM - for use as internal wiring of appliances and other equipment



Sycor Part #	AWG	Stranding	Insulation Thickness (in)	Nominal O.D. (in)	UL Style Number	Approx. Weight Lbs./Mft.
A1W2601B	26	Solid	.031	.080	1015	2
A1W2607B	26	7/34	.031	.081	1015	2
A1W2401B	24	Solid	.031	.085	1015	5
A1W2407B	24	7/32	.031	.086	1015	5
A1W2201B	22	Solid	.031	.093	1015	7
A1W2207B	22	7/30	.031	.095	1015	7
A1W2001B	20	Solid	.031	.098	1015	8
A1W2010B	20	10/30	.031	.102	1015	8
A1W1801B	18	Solid	.031	.104	1015	11
A1W1816B	18	16/30	.031	.112	1015	11
A1W1601B	16	Solid	.031	.115	1015	15
A1W1626B	16	26/30	.031	.125	1015	15
A1W1401B	14	Solid	.031	.130	1015	22
A1W1441B	14	41/30	.031	.142	1015	22
A1W1201B	12	Solid	.031	.145	1015	31
A1W1265B	12	65/30	.031	.155	1015	31
A1W1001B	10	Solid	.031	.166	1015	44
A1W10104B	10	104/30	.031	.183	1015	44
A1W08133B	8	133/29	.045	.250	1028	70
A1W06133B	6	133/27	.060	.335	1283	104
A1W04133B	4	133/25	.061	.390	1283	170
A1W02133B	2	133/23	.062	.460	1283	256
A1W02665B	2	665/30	.063	.470	1283	256
A1W01259B	1	259/25	.075	.525	1284	323
A1W01836B	1	836/30	.076	.535	1284	323
A1W1/01045B	1/0	1045/30	.077	.580	1284	400
A1W2/01330B	2/0	1330/30	.078	.640	1284	490
A1W3/01661B	3/0	1661/30	.079	.680	1284	600
A1W4/02107B	4/0	2107/30	.080	.785	1284	750

Value Added Services



Color

Stock colors 0-11. Custom colors and striped combinations available upon request.

Color codes



Replace B with T for tinned copper or PF for prefused.
 Additional strandings and gauges available upon request.

Sycor Technology Inc., 1-2220 Argentia Road, Mississauga ON L5N 2K7

www.sycor.com 1-800-268-9444 sales@sycor.com