

UL 1015/TEW, PVC Hook-up Wire

PVC Hook-Up and Panel Wire PVC Insulation
 2/64" Insulation Stranded tinned or bare copper: 34 or 30 AWG strand, and specialty strand sizes
 Standard colors: many

UL: 105C, 600v, 60C Oil, VW-1/1032 1000v

CSA: 105C, 600v, TEW, FT1

Standards

UL 758
 CSA 22.2
 CSA Flame test FT1
 RoHS compliant

Alternative Constructions

Overcoat conductor
 Topcoat conductor
 Oil resistant

Applications:

Electronics and internal wiring of appliances.
 For use in switchgear, control panels, machine tools, etc.
 Continuous use up to 60C in oil and 105 dry.

AWG Size	Copper Stranding	Nominal Insulation Thickness		Nominal Outer Diameter		Approximate Weight		UL Type	CSA Type
		(in)	(mm)	(in)	(mm)	(lbs./kft)	(kg/km)		
30	solid 7/38	0.030	0.76	0.074	1.9	1	1.5	1015	TEW
		0.030	0.76	0.074	1.9	1	1.5	1015	TEW
28	solid 7/36	0.030	0.76	0.077	2.0	2	3.0	1015	TEW
		0.030	0.76	0.077	2.0	2	3.0	1015	TEW
26	solid 7/34	0.030	0.76	0.081	2.1	4	6.0	1011, 1013, 1015, 1032, 1230	TEW, AWM I A/B
		0.030	0.76	0.082	2.1	4	6.0	1011, 1013, 1015, 1032, 1230	TEW, AWM I A/B
24	solid 7/32	0.030	0.76	0.085	2.2	5	7.5	1011, 1013, 1015, 1032, 1230	TEW, AWM I A/B
		0.030	0.76	0.086	2.2	5	7.5	1011, 1013, 1015, 1032, 1230	TEW, AWM I A/B
22	solid 7/30	0.030	0.76	0.091	2.3	6	9.0	1011, 1013, 1015, 1032, 1230, 1335	TEW, AWM I A/B
		0.030	0.76	0.094	2.4	6	9.0	MTW, 1011, 1013, 1015, 1032, 1230, 1335	TEW, AWM I A/B
20	solid 10/30 19/32 26/34	0.030	0.76	0.099	2.5	7	10.5	MTW, 1011, 1013, 1015, 1032, 1230, 1335	TEW, AWM I A/B
		0.030	0.76	0.100	2.5	7	10.5	MTW, 1011, 1013, 1015, 1032, 1230, 1335	TEW, AWM I A/B
		0.030	0.76	0.100	2.5	7	10.5	MTW, 1011, 1013, 1015, 1032, 1230, 1335	TEW, AWM I A/B
		0.030	0.76	0.100	2.5	7	10.5	MTW, 1011, 1013, 1015, 1032, 1230, 1335	TEW, AWM I A/B
18	solid 7/28 16/30 19/30 41/34	0.030	0.76	0.107	2.7	10	15.0	MTW, 1011, 1013, 1015, 1032, 1230, 1335	TEW, AWM I A/B
		0.030	0.76	0.110	2.8	10	15.0	MTW, 1011, 1013, 1015, 1032, 1230, 1335	TEW, AWM I A/B
		0.030	0.76	0.108	2.7	10	15.0	MTW, 1011, 1013, 1015, 1032, 1230, 1335	TEW, AWM I A/B
		0.030	0.76	0.108	2.7	10	15.0	MTW, 1011, 1013, 1015, 1032, 1230, 1335	TEW, AWM I A/B
		0.030	0.76	0.108	2.7	10	15.0	MTW, 1011, 1013, 1015, 1032, 1230, 1335	TEW, AWM I A/B
16	solid 7/24 19/28 26/30 65/34	0.030	0.76	0.119	3.0	14	21.0	MTW, BC-5W2, 1011, 1013, 1015, 1032, 1230, 1335	TEW, AWM I A/B
		0.030	0.76	0.127	3.2	14	21.0	MTW, BC-5W2, 1011, 1013, 1015, 1032, 1230, 1335	TEW, AWM I A/B
		0.030	0.76	0.120	3.0	14	21.0	MTW, BC-5W2, 1011, 1013, 1015, 1032, 1230, 1335	TEW, AWM I A/B
		0.030	0.76	0.120	3.0	14	21.0	MTW, BC-5W2, 1011, 1013, 1015, 1032, 1230, 1335	TEW, AWM I A/B
		0.030	0.76	0.120	3.0	14	21.0	MTW, BC-5W2, 1011, 1013, 1015, 1032, 1230, 1335	TEW, AWM I A/B
14	solid 7/22 19/26 41/30	0.030	0.76	0.135	3.4	19	28.5	MTW, BC-5W2, 1011, 1013, 1015, 1032, 1230, 1335	TEW, AWM I A/B
		0.030	0.76	0.139	3.5	19	28.5	MTW, BC-5W2, 1011, 1013, 1015, 1032, 1230, 1335	TEW, AWM I A/B
		0.030	0.76	0.136	3.5	19	28.5	MTW, BC-5W2, 1011, 1013, 1015, 1032, 1230, 1335	TEW, AWM I A/B
		0.030	0.76	0.136	3.5	19	28.5	MTW, BC-5W2, 1011, 1013, 1015, 1032, 1230, 1335	TEW, AWM I A/B

AWG Size	Copper Stranding	Nominal Insulation Thickness		Nominal Outer Diameter		Approximate Weight		UL Type	CSA Type
		(in)	(mm)	(in)	(mm)	(lbs./kft)	(kg/km)		
12	solid	0.030	0.76	0.153	3.9	28	42.0	MTW, BC-5W2, 1011, 1013, 1015, 1032, 1230, 1335	TEW, AWM I A/B
	7/20	0.030	0.76	0.155	3.9	28	42.0	MTW, BC-5W2, 1011, 1013, 1015, 1032, 1230, 1335	TEW, AWM I A/B
	19/24	0.030	0.76	0.154	3.9	28	42.0	MTW, BC-5W2, 1011, 1013, 1015, 1032, 1230, 1335	TEW, AWM I A/B
	65/30	0.030	0.76	0.154	3.9	28	42.0	MTW, BC-5W2, 1011, 1013, 1015, 1032, 1230, 1335	TEW, AWM I A/B
10	solid	0.030	0.76	0.178	4.5	41	61.5	MTW, BC-5W2, 1011, 1013, 1015, 1032, 1230, 1335	TEW, AWM I A/B
	7/18	0.030	0.76	0.180	4.6	41	61.5	MTW, BC-5W2, 1011, 1013, 1015, 1032, 1230, 1335	TEW, AWM I A/B
	19/22	0.030	0.76	0.179	4.5	41	61.5	MTW, BC-5W2, 1011, 1013, 1015, 1032, 1230, 1335	TEW, AWM I A/B
	104/30	0.030	0.76	0.179	4.5	41	61.5	MTW, BC-5W2, 1011, 1013, 1015, 1032, 1230, 1335	TEW, AWM I A/B

- UL 1011 Rated up to 80C
- UL 1013 Rated up to 90C, 750 VDC
- UL 1015 Rated up to 105C
- UL 1032 Rated up to 1000v @ 90C
- UL 1230 Rated up to 105C Dry/60C Wet
- UL 1335 Rated up to 90C, 60C Oil, 60C Wet
- UL MTW Machine Tool Wire, 90C Dry/60C Wet
- UL BC-5W2 Boat Cable, Circuit wiring in marine pleasure craft
- CSA TEW Thermoplastic Equipment Wire
- CSA AWM Appliance Wiring Material
- CSA I A/B May be used in enclosed spaces in environments with moisture and UV