

PVC - Type 1015 (TEW)

Appliance, Hook-up, Panel, and Motor Lead Wire

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

CSA: 105°C, 600V, FT1



IEWC Part Number	AWG	Stranding	Nominal Insulation Thickness		Nominal O.D.		Approx. Weight		UL Type	CSA Type
			in	mm	in	mm	lbs/1k ft	kg/km		
1015/30	30	7/38	0.030	0.8	0.074	1.9	1	1	1015	TEW
		19/42	0.030	0.8	0.074	1.9	1	1	1015	TEW
		41/46	0.030	0.8	0.074	1.9	1	1	1015	TEW
1015/28	28	7/36	0.030	0.8	0.077	2.0	2	3	1015	TEW
		19/40	0.030	0.8	0.077	2.0	2	3	1015	TEW
		65/48	0.030	0.8	0.077	2.0	2	3	1015	TEW
1015/26	26	7/34	0.030	0.8	0.081	2.1	4	6	1011, 1013, 1015, 1032, 1230	TEW, AWM I A/B
		19/38	0.030	0.8	0.081	2.1	4	6	1011, 1013, 1015, 1032, 1230	TEW, AWM I A/B
		66/44	0.030	0.8	0.081	2.1	4	6	1011, 1013, 1015, 1032, 1230	TEW, AWM I A/B
		105/46	0.030	0.8	0.082	2.1	4	6	1011, 1013, 1015, 1032, 1230	TEW, AWM I A/B
1015/24	24	7/32	0.030	0.8	0.086	2.2	5	7	1011, 1013, 1015, 1032, 1230	TEW, AWM I A/B
		19/36	0.030	0.8	0.086	2.2	5	7	1011, 1013, 1015, 1032, 1230	TEW, AWM I A/B
		42/40	0.030	0.8	0.085	2.2	5	7	1011, 1013, 1015, 1032, 1230	TEW, AWM I A/B
		105/44	0.030	0.8	0.087	2.2	5	7	1011, 1013, 1015, 1032, 1230	TEW, AWM I A/B
1015/22	22	7/.0096	0.030	0.8	0.094	2.4	6	9	MTW, 1011, 1015, 1032, 1230, 1335	TEW, AWM I A/B
		66/40	0.030	0.8	0.091	2.3	6	9	MTW, 1011, 1015, 1032, 1230, 1335	TEW, AWM I A/B
1015/20	20	10/30	0.030	0.8	0.099	2.5	7	10	MTW, 1011, 1015, 1032, 1230, 1335	TEW, AWM I A/B
		19/32	0.030	0.8	0.100	2.5	7	10	MTW, 1011, 1015, 1032, 1230, 1335	TEW, AWM I A/B
		42/36	0.030	0.8	0.099	2.5	7	10	MTW, 1011, 1015, 1032, 1230, 1335	TEW, AWM I A/B
		259/44	0.030	0.8	0.102	2.6	7	10	MTW, 1011, 1015, 1032, 1230, 1335	TEW, AWM I A/B
1015/18	18	7/26	0.030	0.8	0.110	2.8	10	15	MTW, 1011, 1015, 1032, 1230, 1335	TEW, AWM I A/B
		16/30	0.030	0.8	0.108	2.7	10	15	MTW, 1011, 1015, 1032, 1230, 1335	TEW, AWM I A/B
		19/30	0.030	0.8	0.108	2.7	12	18	MTW, 1011, 1015, 1032, 1230, 1335	TEW, AWM I A/B
		41/34	0.030	0.8	0.108	2.7	12	18	MTW, 1011, 1015, 1032, 1230, 1335	TEW, AWM I A/B
1015/16	16	7/24	0.030	0.8	0.127	3.2	14	20	MTW, BC-5W2, 1011, 1015, 1032, 1230, 1335	TEW, AWM I A/B
		19/.0117	0.030	0.8	0.120	3.0	14	20	MTW, BC-5W2, 1011, 1015, 1032, 1230, 1335	TEW, AWM I A/B
		26/30	0.030	0.8	0.120	3.0	14	20	MTW, BC-5W2, 1011, 1015, 1032, 1230, 1335	TEW, AWM I A/B
1015/14	14	7/22	0.030	0.8	0.139	3.5	19	28	MTW, BC-5W2, 1011, 1015, 1032, 1230, 1335	TEW, AWM I A/B
		19/.0147	0.030	0.8	0.136	3.5	19	28	MTW, BC-5W2, 1011, 1015, 1032, 1230, 1335	TEW, AWM I A/B
		41/30	0.030	0.8	0.136	3.5	20	29	MTW, BC-5W2, THHW, 1011, 1015, 1032, 1230, 1335	TEW, AWM I A/B
1015/12	12	7/20	0.030	0.8	0.154	3.9	28	42	MTW, BC-5W2, THHW, 1011, 1015, 1032, 1230, 1335	TEW, AWM I A/B
		19/.0185	0.030	0.8	0.155	3.9	28	42	MTW, BC-5W2, THHW, 1011, 1015, 1032, 1230, 1335	TEW, AWM I A/B
		65/30	0.030	0.8	0.155	3.9	29	43	MTW, BC-5W2, THHW, 1011, 1015, 1032, 1230, 1335	TEW, AWM I A/B
1015/10	10	7/19	0.030	0.8	0.179	4.5	41	61	MTW, BC-5W2, THHW, 1011, 1015, 1032, 1230, 1335	TEW, AWM I A/B
		19/.0234	0.030	0.8	0.180	4.6	41	61	MTW, BC-5W2, THHW, 1011, 1015, 1032, 1230, 1335	TEW, AWM I A/B
		105/30	0.030	0.8	0.180	4.6	42	63	MTW, BC-5W2, THHW, 1011, 1015, 1032, 1230, 1335	TEW, AWM I A/B

Notes

- Soft-annealed, tinned copper conductor
- Polyvinyl chloride (PVC) insulation
- RoHS Compliant
- A variety of insulation colors available

Alternative Constructions

- Soft-annealed, bare copper conductor
- Solid conductor
- Topcoat conductor (14 AWG and smaller)
- Overcoat conductor (14 AWG and smaller)
- Prebond conductor (16 AWG and smaller)
- High-flexing UL 10070

Applications

For use in control panel, electric motor & generator, electronic, manufacturing, switchgear, machine tool and appliance applications. Rated for continuous use up to 60°C in oil and 105°C dry.