



Your Quality Source for Electrical Wire

U.L. AWM Style 1015/1032/1230/TEW

AWG	NUMBER OF STR.	AWG OF STR.	NOM. DIA. OF STR. COND. (IN.)	NOM. FIN. WIRE DIAM. (IN.)	MAX. RES. (DC AT 20C) OHM/PER 1K FEET	NOM. WT LBS PER 1K FEET
24	1	24	.0201	.082	27.20	4.2
24	7	32	.0240	.086	26.20	4.0
24	19	36	.0240	.086	25.40	4.1
22	1	22	.0253	.088	17.20	5.0
22	7	30	.0300	.092	16.70	5.2
22	19	34	.0300	.092	15.90	5.3
20	1	20	.0320	.094	10.70	6.8
20	7	28	.0380	.100	10.40	7.3
20	10	30	.0380	.100	11.80	7.3
20	19	32	.0380	.100	9.76	7.3
18	1	18	.0403	.102	6.78	9.3
18	7	28	.0480	.110	6.54	9.7
18	16	30	.0450	.107	6.48	9.8
18	19	30	.0480	.110	6.22	10.0
16	1	16	.0508	.113	4.26	12.6
16	26	30	.0550	.117	4.59	12.5
14	1	14	.0641	.126	2.68	16.9
14	41	30	.0710	.134	2.94	17.9
12	37	28	.0890	.156	2.01	28.9
12	65	30	.0890	.165	1.85	28.5
10	37	26	.1070	.178	1.26	38.6
10	49	27	.1100	.174	1.09	40.6
10	105	30	.1150	.179	.98	41.5
8	133	29	.167	.257	.710	70.8
6	133	27	.210	.330	.444	110
4	133	25	.266	.386	.288	170
2	665	30	.342	.462	.183	251
1/0	1045	30	.431	.591	.116	413
2/0	1330	30	.484	.644	.0914	520
3/0	1672	30	.495	.655	.0727	619

U.L. AWM Style 1015/1032/1230/TEW
 U/L Recognized Appliance Wiring Material
 VW-1 Rated
 1/32" Vinyl Insulation for 24-10 gauge
 105 Celsius Service** UL Rated
 600 Volts Appliance

** Suitable for operation at +105 Celsius in air or up to 80 Celsius in oil





APPLIANCE WIRING MATERIAL

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Issued:1959-05-01

Revised:2013-02-22

Style 1015 Single conductor with extruded insulation

Rating 80, 90 or 105 deg C, 600 Vac or 750 Vdc, Horizontal flame. Optional - 60 or 80 deg C Oil.

Conductor 30 AWG - 2000 kcmil, Solid or Stranded.

Insulation Extruded PVC

<u>Conductor size</u>	<u>Minimum average thickness</u>	<u>Minimum thickness at any point</u>
30-9 AWG	30 mils	27 mils
8-7 AWG	45 mils	40 mils
6-2 AWG	60 mils	54 mils
1-4/0 AWG	80 mils	72 mils
250-500 kcmil	95 mils	86 mils
550-1000 kcmil	110 mils	99 mils
1100-2000 kcmil	125 mils	112 mils

Standard Appliance Wiring Material UL 758.

Marking General

Use Internal Wiring of Appliances. Tags may also indicate the following: 2,500 V peak - for electronic use only.

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APPLIANCE WIRING MATERIAL

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Issued:1959-05-01
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Style 1032 Single conductor with extruded insulation

Rating 90 deg C, 1000 Vac and/or 1200 Vdc, Horizontal flame. Optional - 60 deg C or 80 deg C Oil.

Conductor 30 AWG - 2000 kcmil, solid or stranded.

Insulation Extruded PVC.

<u>Conductor size</u>	<u>Minimum average thickness</u>	<u>Minimum thickness at any point</u>
30-9 AWG	30 mils	27 mils
8 AWG	45 mils	40 mils
7-2 AWG	60 mils	54 mils
1-4/0 AWG	80 mils	72 mils
250-500 kcmil	95 mils	86 mils
550-1000 kcmil	110 mils	99 mils
1100-2000 kcmil	125 mils	112 mils

Covering Optional. Extruded PVC, 5 mils minimum thickness at any point, 40 mils maximum thickness.

Shield Optional.

Jacket Optional. Extruded PVC, 30 mils minimum average thickness, 23 mils minimum thickness at any point.

Standard Appliance Wiring Material UL 758.

Marking General.

Use Internal Wiring of Appliances. Tags may also indicate the following: 3500 V peak - for



APPLIANCE WIRING MATERIAL

Subj.758

Section 1

Page 1230

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Style 1230

Single conductor with extruded insulation

Rating 105 deg C, 600 Vac, Horizontal flame, 60 deg C wet.
Optional - 60 deg C Oil.

Conductor 26 AWG - 9 AWG, solid or stranded.

Insulation Extruded PVC, 30 mils minimum average thickness, 27
mils minimum thickness at any point. R/C QMTT2 PVC
insulation compounds for use in Type TW.

Standard Appliance Wiring Material UL 758.

Marking General.

Use Internal Wiring.

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