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- Hookup Wire
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UL and CSA Multi-Rated PVC Hookup Wire

POLYVINYLCHLORIDE INSULATION (600 VOLTS)

\*UL LISTED NEC TYPES MTW (90C), TW (60C), THW (75C) AS INDICATED

\*UL STYLES (105C) 1015, 1028, 1230, 1231, 1232, 1283, 1284 AS INDICATED

### Standard Putups:

- 26 AWG - 16 AWG  
500 ft.  
1000 ft.  
bulk.500ft.

- 14 AWG - 4 AWG  
100 ft.  
1000 ft.  
bulk.

- 2 AWG - 1000 MCM  
500 ft.

See color chart 8 in  
Technical Section.  
Consult factory for  
availability of  
other colors and  
color combinations.

### DESCRIPTION

- Conductors: Soft annealed stranded, solid or topcoated tinned copper per ASTM standards.
- Insulation: Color coded extruded premium grade PVC.

### CHARACTERISTICS

- Temperature: 105C (AWM).
- Voltage Rating: 600 Volts (AWM-2,500 Volts for peak electronic use only).

### FEATURES & APPLICATIONS

- Used for internal wiring of electronic equipment, panels, meters and point-to-point wiring or per NEC standard.

### APPROVALS

- UL: Styles 1015, 1028, 1230, 1231, 1232, 1283, 1284
- CSA: AWM I A/B and TEW.
- UL Listed NEC Types MTW (22-16 AWG), TW (14-8 AWG), THW (6 AWG and larger) Recognized under the components program of Underwriters' Laboratories, Inc. Authorized by Canadian Standards Association to represent as CSA Certified. CSA AWM I A/B and TEW. Passes VW-1 and FT1 Vertical Flame Test. Surface printed.

Part Number	AWG	Stranding	Nom. Dia. of Conductor in. mm	Nom. Insulation Thickness in. mm	Nom. O.D. in. mm	Color Code	UL Style
782601	26	Solid	.016 0.41	.032 0.81	.080 2.03	0,2,9	1015/1230
782607	26	7/34	.019 0.48	.032 0.81	.083 2.11	0,2,9	1015/1230
782607T	26	7/34	.019 0.48	.032 0.81	.083 2.11	CF	1015/1230
782401	24	Solid	.020 0.51	.032 0.81	.084 2.13	0-9	1015/1230
782407	24	7/32	.024 0.61	.032 0.81	.086 2.24	0-9	1015/1230
Part Number	AWG	Stranding	Nom. Dia. of Conductor in. mm	Nom. Insulation Thickness in. mm	Nom. O.D. in. mm	Color Code	UL Style
782407T	24	7/32	.024 0.61	.032 0.81	.088 2.24	0-9	1015/1230
782201	22	Solid	.025 0.64	.032 0.81	.089 2.26	0-9	1015/1230
782207	22	7/30	.030 0.76	.032 0.81	.094 2.39	0-9	1015/1230
782207T	22	7/30	.031 0.79	.032 0.81	.095 2.41	0-9	1015/1230
782001	20	Solid	.032 0.81	.032 0.81	.096 2.44	0-9	1015/1230
Part Number	AWG	Stranding	Nom. Dia. of Conductor in. mm	Nom. Insulation Thickness in. mm	Nom. O.D. in. mm	Color Code	UL Style
782010	20	10/30	.037 0.94	.032 0.81	.101 2.57	0-9	1015/1230
782010T	20	10/30	.039 0.99	.032 0.81	.103 2.62	0-9	1015/1230
781801	18	Solid	.040 1.02	.032 0.81	.104 2.64	0-9	1015/1230
781816	18	16/30	.045 1.14	.032 0.81	.109 2.77	0-9	1015/1230
781816T	18	16/30	.047 1.19	.032 0.81	.115 2.92	0-9	1015/1230
Part Number	AWG	Stranding	Nom. Dia. of Conductor in. mm	Nom. Insulation Thickness in. mm	Nom. O.D. in. mm	Color Code	UL Style
781601	16	Solid	.051 1.30	.032 0.81	.116 2.95	0,2,4,5,6,9	1015/1230

	781626	16	26/30	.058 1.47	.032 0.81	.122 3.10	0-9	1015/1230
	781401	14	Solid	.064 1.63	.032 0.81	.128 3.25	0,2,5,9	1015/1230
	781441	14	41/30	.072 1.83	.032 0.81	.136 3.45	0-9	1015/1230
	781201	12	Solid	.081 2.06	.032 0.81	.145 3.88	0,2,9	1015/1230
	Part Number	AWG	Stranding	Nom. Dia. of Conductor in. mm	Nom. Insulation Thickness in. mm	Nom. O.D. in. mm	Color Code	UL Style
	781265	12	65/30	.089 2.26	.032 0.81	.153 3.89	0-9	1015/1230
	781001	10	Solid	.102 2.59	.032 0.81	.166 4.22	0,9	1015/1230
	781000	10	105/30	.110 2.79	.032 0.81	.174 4.42	0,2,4,5,6,9	1015/1230
	788133	8	133/29	.166 4.22	.046 1.22	.262 6.65	0,2,4,5,6,9	1028/1231
	786133	6	133/27	.206 5.23	.063 1.60	.332 8.43	0,2,5,6,9	1283/1232
	Part Number	AWG	Stranding	Nom. Dia. of Conductor in. mm	Nom. Insulation Thickness in. mm	Nom. O.D. in. mm	Color Code	UL Style
	784133	4	133/25	.257 6.53	.063 1.60	.383 9.73	0,2,5,9	1283/1232
	782133	2	133/23	.328 8.33	.063 1.60	.454 11.53	0,9	1283/1232
	782665	2	665/30	.335 8.51	.063 1.60	.461 11.71	0,2,5,9	1283/1232
	781259	1	259/25	.375 9.53	.082 2.08	.539 13.69	CF	1284/1232
	781836	1	836/36	.377 9.58	.082 2.08	.541 13.74	0	1284/1232
	Part Number	AWG	Stranding	Nom. Dia. of Conductor in. mm	Nom. Insulation Thickness in. mm	Nom. O.D. in. mm	Color Code	UL Style
	780001/133	1/0	133/21	.428 10.87	.082 2.08	.592 15.03	0	1284/1232
	780001/259	1/0	259/24	.422 10.72	.062 2.08	.586 14.88	0	1284/1232
	780001	1/0	1045/30	.425 10.80	.082 2.08	.589 14.96	0	1284/1232
	780002/259	2/0	259/23	.473 12.01	.062 2.08	.637 16.17	0	1284/1232
	780002	2/0	1330/30	.484 12.29	.082 2.08	.648 16.46	0	1284/1232
	Part Number	AWG	Stranding	Nom. Dia. of Conductor in. mm	Nom. Insulation Thickness in. mm	Nom. O.D. in. mm	Color Code	UL Style
	780003/259	3/0	259/22	.532 13.51	.082 2.08	.696 17.67	0	1284/1232
	780003	3/0	1665/30	.535 13.59	.082 2.08	.699 17.75	0	1284/1232
	780004/259	4/0	259/21	.597 15.16	.082 2.08	.761 19.32	0	1284/1232
	780004/551	4/0	551/24	.588 14.94	.082 2.08	.752 19.10	0	1284/1232
	780004	4/0	2109/30	.590 14.99	.082 2.08	.754 19.15	0	1284/1232
	Part Number	AWG	Stranding	Nom. Dia. of Conductor in. mm	Nom. Insulation Thickness in. mm	Nom. O.D. in. mm	Color Code	UL Style
	780250	250 MCM	2527/30	.716 18.19	.097 2.46	.910 23.11	CF	1284
	780300	300 MCM	2989/30	.768 19.51	.097 2.46	.962 24.43	CF	1284
	780350	350 MCM	3458/30	.826 20.98	.097 2.46	1.020 25.90	CF	1284
	780400	400 MCM	3990/30	.878 22.30	.097 2.46	1.072 27.22	CF	1284
	780500	500 MCM	5054/30	.988 25.10	.097 2.46	1.182 30.02	CF	1284
	Part Number	AWG	Stranding	Nom. Dia. of Conductor in. mm	Nom. Insulation Thickness in. mm	Nom. O.D. in. mm	Color Code	UL Style
	780600	600 MCM	5985/30	1.125 28.58	.112 2.84	1.349 34.26	CF	1284
	780750	750 MCM	7448/30	1.240 31.50	.112 2.84	1.464 37.18	CF	1284
	7801000	1000 MCM	9975/30	1.400 35.58	.112 .284	1.624 41.24	CF	1284

**CF-Consult factory. T-Indicates topcoat conductor. Note: Solid conductor and topcoated material not MTW rated.**

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