

Hook-Up Wire

888-805-0355

**PVC Polyvinylchloride
Hook-Up Wire**

UL AWM and Mil-W-76 MW/HW

Part Number	AWG Stranding	Insulation Thickness	Nominal O.D.	Weight/Mft Nom.
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UL STYLE 1061, 80C 300V

W1769	24 (7/32)	.010	.044	3
W1768	22 (7/30)		.051	4
W1767	20 (10/30)		.058	5
W1766	18 (16/30)		.066	6
W1765	16 (26/30)		.080	9

UL STYLE 1007/1569

80C 300V, CSA TR-64/TRSR-64

W1719	24 (7/32)	.016	.056	3
W1718	22 (7/30)		.062	4
W1717	20 (10/30)		.068	5
W1716	20 (7/28)		.068	5
W1715	18 (16/30)		.079	7
W1713	16 (26/30)		.092	11

UL STYLE 1015, 105C 600V, CSA TEW/MTW

W1720	24 (7/32)	.031	.088	5
W1323	22 (7/30)		.094	7
W1322	20 (10/30)		.100	8
W1321	18 (16/30)		.110	11
W1320	16 (26/30)		.123	14
W1318	14 (41/30)		.138	22
W1709	12 (65/30)		.158	31
W1707	10 (105/30)		.183	44

UL STYLE 1028, 105C 600V, CSA TEW

W1705	8 (133/29)	.045	.253	79
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Type MW (Mil-W-76) VW-1, 80C 1000V

W1204	24 (7/32)	.017	.058	3
W1208	24 (solid)		.054	3
W1203	22 (7/30)		.065	4
W1207	22 (solid)		.059	3
W1202	20 (10/30)		.070	5
W1206	20 (solid)		.066	5
W1201	18 (16/30)		.080	7
W1200	16 (26/30)		.098	11
W1199	14 (41/30)	.020	.111	16
W1205	12 (65/30)		.130	25

Type HW (Mil-W-76) VW-1, 80C 600V

W3530	14 (41/30)	.045	.165	23
W3531	12 (65/30)		.181	34
W3532	10 (105/30)		.220	50
W3533	8 (133/29)		.260	78

Specifications:

Conductor: Tinned Copper

Insulation: PVC, 1061 SR PVC

Approvals: UL AWM Style (As Noted)

CSA Rated (as noted) UL VW-1

Description: Internal wiring of electronic and Electrical equipment and devices

Military Color Code

0	Black
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Violet
8	Gray
9	White

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Hook-Up Wire

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**PVC Polyvinylchloride
Mil-Spec Hook-Up Wire**

M16878/1, M16878/2

Part Number	AWG Stranding	Insulation Thickness	Nominal O.D.	Weight/Mft Nom.
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Type B, M16878/1, 105C 600V

Part Number	AWG Stranding	Insulation Thickness	Nominal O.D.	Weight/Mft
W1209	28 (7/36)	.010	.035	1
W1198	26 (7/34)		.039	2
W1197	24 (7/32)		.045	2
W3534	24 (19/36)		.044	2
W1196	22 (7/30)		.050	3
W1195	20 (7/28)		.058	4
W1194	18 (7/26)		.068	7
W3535	18 (19/30)		.068	7
W1193	16 (19/29)		.077	10
W3536	14 (19/27)		.091	14

Type C, M16878/2, 105C 1000V

Part Number	AWG Stranding	Insulation Thickness	Nominal O.D.	Weight/Mft
W3537	24 (7/32)	.016	.058	3
W3538	22 (7/30)		.064	4
W3539	20 (7/28)		.072	5
W3540	18 (7/26)		.082	7
W3541	16 (19/29)		.091	11
W3542	14 (19/27)		.105	16
W3543	12 (19/25)		.124	25

Specifications:

Conductor: Tinned Copper

Insulation: PVC

Approvals: Mil-W-16878E, VW-1

Description: Internal wiring of electronic and Electrical equipment, panels Meters and devices

Military Color Code

0	Black
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Violet
8	Gray
9	White

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**Irradiated PVC
Mil-Spec Hook-Up Wire**

UL Style 1429, 1430, 1431 and 3317

Part Number	AWG Stranding	Insulation Thickness	Nominal O.D.	Weight/Mft Nom.
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UL Style 1429 Type B, M16878E, 80C 150V

W3552	30 (7/38)	.010	.032	1
W3553	28 (7/36)		.036	1
W3554	26 (7/34)		.039	1
W3555	24 (7/32)		.044	2
W3556	24 (19/36)		.044	2
W3557	22 (7/30)		.050	4
W3558	22 (19/34)		.051	4
W3559	20 (7/28)		.058	5
W3560	20 (19/32)		.057	5
W3575	18 (19/30)		.068	7
W3561	16 (19/29)		.077	10
W3562	14 (19/0147)		.091	14

UL Style 1430, Type C, M16878E, 105C 300V

W3583	26 (7/34)	.016	.051	2
W3544	24 (7/32)		.058	3
W3545	24 (19/36)		.057	3
W3546	22 (7/30)		.064	4
W3547	22 (19/34)		.064	4
W3548	20 (7/28)		.072	5
W3549	20 (19/32)		.072	6
W3550	18 (19/30)		.083	8
W3551	16 (19/29)		.099	10

UL Style 3317, 105C 300V

W3579	14 (19/27)	.016	.105	16
W3581	12 (19/25)		.124	25

UL Style 1431, 105C 600V

W3563	24 (7/32)	.030	.086	5
W3564	24 (19/36)		.087	5
W3565	22 (7/30)		.093	6
W3566	22 (19/34)		.094	6
W3567	20 (7/28)		.100	8
W3568	20 (19/32)		.102	8
W3569	18 (7/26)		.108	11
W3570	18 (16/30)		.106	10
W3571	16 (26/30)		.122	14
W3572	14 (41/30)		.132	19
W3573	12 (65/30)		.153	28
W3574	10 (105/30)		.192	45

Specifications:

Conductor:	Tinned Copper
Insulation:	Irradiated cross-linked PVC
Approvals:	Mil-W-16878E, VW-1

Description: Communication, signal and control applications where a high degree of strength and heat resistance is required

Military Color Code	
0	Black
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Violet
8	Gray
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**Teflon (TFE)
Mil-Spec Hook-Up Wire**

Type ET, E and EE

Part Number	AWG Stranding	Insulation Thickness	Nominal O.D.	Weight/Mft Nom.
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Type ET, M16878/6, 200C 250V (UL1371,105C)

Part Number	AWG Stranding	Insulation Thickness	Nominal O.D.	Weight/Mft
W2233	32 (7/40)	.006	.021	1
W2234	30 (7/28)		.024	1
W2235	28 (7/36)		.027	2
W2236	26 (7/34)		.031	2
W2237	24 (7/32)		.036	2
W2238	24 (19/36)		.037	2
W2239	22 (7/30)		.042	3
W2240	22 (19/34)		.042	3

Type E, M16878/4, 200C 600V (UL1213,105C)

Part Number	AWG Stranding	Insulation Thickness	Nominal O.D.	Weight/Mft
W2215	30 (7/38)	.010	.033	1
W2216	28 (7/36)		.036	2
W2217	26 (7/34)		.037	2
W4066	26 (19/38)		.041	2
W2219	24 (7/32)		.044	3
W2218	24 (19/36)		.044	3
W2220	22 (7/30)		.048	4
W2221	22 (19/34)		.050	4
W2223	20 (7/28)		.056	6
W2222	20 (19/32)		.059	6
W2224	18 (19/30)	.011	.069	8
W2225	16 (19/29)	.012	.077	11
W4067	14 (19/27)		.094	16
W4068	12 (19/25)		.113	25
W4069	10 (37/26)		.134	33

Type EE, M16878/5, 200C 1000V (UL 1180)

Part Number	AWG Stranding	Insulation Thickness	Nominal O.D.	Weight/Mft
W2226	24 (19/36)	.020	.054	4
W2228	22 (19/34)		.060	5
W2229	20 (19/32)		.068	7
W2231	18 (19/30)		.079	10
W2232	16 (19/29)		.088	12
W4070	14 (19/27)		.106	18
W4071	12 (19/25)	.017	.124	25
W4072	10 (37/26)		.145	35

Specifications:

Conductor:	Silver Plated Copper
Insulation:	Extruded TFE Teflon
Approvals:	Mil-W-16878E, UL 910 UL 1180, 1213 & 1371 available
Description:	Temp range -55C to 200C where resistance to acids, alkalis, flame moisture, etc. is required

Military Color Code

0	Black
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Violet
8	Gray
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**Switchboard - SIS
Hook-Up Wire**

Cross-Linked Polyethylene (XLP)

Part Number	AWG Stranding	Insulation Thickness	Nominal O.D.	Weight/Mft Nom.
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Solid, 90C 600V

Part Number	AWG Stranding	Insulation Thickness	Nominal O.D.	Weight/Mft Nom.
W3880	18 (solid)	.031	.105	10
W3881	16 (solid)		.115	14
W3882	14 (solid)		.130	19
W3883	12 (solid)		.150	28
W3884	10 (solid)		.170	41

Stranded, 90C 600V

Part Number	AWG Stranding	Insulation Thickness	Nominal O.D.	Weight/Mft Nom.
W3885	18 (7/26)	.031	.112	10
W3886	16 (7/24)		.123	15
W3887	14 (7/22)		.140	20
W3888	12 (7/20)		.160	28
W3889	10 (7/18)		.180	42
W3890	8 (7/16)	.047	.250	70
W3891	6 (7/14)	.062	.320	113

Flexible Strand, 90C 600V

Part Number	AWG Stranding	Insulation Thickness	Nominal O.D.	Weight/Mft Nom.
W3892	18 (16/30)	.031	.113	10
W3893	16 (26/30)		.123	15
W3894	14 (41/30)		.143	20
W3895	12 (65/30)		.165	28
W3896	10 (105/30)		.195	43
W3897	8 (133/29)	.047	.270	75
W3898	6 (133/27)	.062	.340	119
W3899	4 (133/25)	.062	.400	170

Specifications:

- Conductor:** Tinned Copper
- Insulation:** Cross-Linked Polyethylene
- Approvals:** UL Type SIS, OSHA acceptable
VW-1, Meets NEMA/ICEA requirements
- Description:** Switchboard wiring, control panels and other types of control apparatus

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