



# Copperfield UL Styles

6/1/2008

Wire Style	AWG Size Range *	Voltage Rating	Temperature Rating	*Insulation Thickness	Insulation Material
1007	26 - 16	300	80	.015	PVC
1015	26 - 10	600	105	.030	PVC
1028	22 - 8	600	105	.045	PVC
1032	26 - 10	1000	90	.030	PVC
1056	20 - 10	600	105	.060	PVC
1060	14 - 10	600	105	.080	PVC
1061	26 - 16	300	80	.009	Semi Rigid PVC
1120	18 - 16	600	105	.030	PVC
1230	26 - 10	600	105	.030	PVC
1231	18 - 8	600	105	.045	PVC
1232	8 - 4/0	600	105	.060, .080	PVC
1275	18 - 10	600	105	.060	PVC
1276	14 - 10	600	105	.080	PVC
1283	8 - 2	600	105	.060	PVC
1329	14 - 10	600	105	.080	PVC
1416	18 - 10	600	105	.045	PVC
1569	26 - 10	300	80, 90, or 105	.015	PVC
3173	22 - 10	600	125	.030	XLPE
3195	8	600	125	.045	XLPE
3196	6 - 2	600	125	.060	XLPE
3199	22 - 16	300	105	.015	XLPE
3271	20 - 2	600	125	.030, .045, .060	EBXLPE / EBXLPO
3289	20 - 4/0	600	150	.030, .045, .060, .080C	XLPE / XLPO
3290	20 - 12	600	125	.060	XLPE
3300	1/0	600	125	.088	XLPE
3321	22 - 4/0	600	150	.030	XLPE
3321	20 - 4/0	600	150	.030, .045, .060, .080C	XLPE / XLPO
3328	18	600	125	.060	EPDM
3340	18 - 4/0	600	125	.045, .060, .080	EPDM
3374	18 - 4/0	600	150NF, 125	.045, .060, .080	EPDM
3484	18	600	125	.030, .045, .060, .080C	EPDM
3499	8 - 4/0	7500	150	.125	EPDM
3505	20 - 4/0	600	125	.030, .045, .060, .080C	XLPE / XLPO
3538	18 - 4/0	600	105	.045, .060, .080, .095	CPE
3556	18 - 4/0	600	150	.030, .045, .060, .080C	EPDM

## Specialty Products

2081	18 or 16 (3 Cond)	300	105	.060	PVC
2881	20 - 14 (2 or 3 Cond)	300	105	.030	PVC
20882	20 - 12 (2 Cond)	600	105	.030	PVC
20893	18 - 16 (3 & 4 Cond)	600	105	.030/.005	PVC
20572 Multiflex / Festoon	12 & 10 (1,2,3,4,6,7 Cond)	600	105	.030	PVC
Boat (Single) BC-5W2	16 - 4/0	600	105 DRY/75 WET	.030, .060, .080	PVC
BOAT CABLE	16 - 10 (2 & 3 Cond)	600	105 DRY/75 WET	.030	PVC
Bonded UL Cable	Various	600	105	.030, .045	PVC
BRAKE CABLE	18 - 8 (2 & 3 Cond)	60DC/25AC	80 OR 105	.023	PVC
COPPERCORD	18 - 14 (2 - 4 Cond)	60DC/25AC	80 OR 105	.023	PVC
Mil-W-16878/1A Type B	24 - 14	600	105	.010	PVC
Mil-W-16878/2A Type C	24 - 12	1000	105	.017	PVC
RVI	18 - 10	600	105/60 WET	.030	PVC
SJT	18 - 12 (2 - 4 Cond)	300	60	.030	PVC
SJT/SJTO	18 - 12 (2 & 3 Cond)	300	105	.030	PVC
SPEAKER WIRE / MEDICAL WIRE	22 - 12 (2 Cond) 24	---	60	.016 OR .023	PVC
SPT	18 - 10 (2 & 3 Cond)	300	60 OR 105	.030 TO .095	PVC
ST	18 - 10 (2 & 3 Cond)	600	60 OR 105	.030 - .045 Inner/.045 Jacket	PVC
ST/STO	18 - 12 (3 Cond)	600	60 OR 105	.030 - .045 Inner/.045 Jacket	PVC
SVT	18 - 17 (2 & 3 Cond)	300	60 OR 105	.015 Inner/.030 Jacket	PVC
Welding Cable non UL CSA	6 - 500MCM	600**	105	.080, .100, .125	EPDM
Welding Cable UL listed	4 - 4/0	600**	90	.080, .090	CPE

\*Insulation thickness based on smallest gauge size. \*\*Not intended for continuous duty. Information contained here is for reference only.

[www.copperfieldllc.com](http://www.copperfieldllc.com)

Copperfield, 1115 W North Street, Bremen, IN 46506

Phone: (574) 546-5115

Fax: (574) 546-5995



# Copperfield SILICONE Styles

11/1/2006

Wire Style	AWG Size Range	Voltage Rating	Temperature Rating	*Insulation Thickness	Insulation Material
3068	22 - 16	300	150	.015	BRAIDED SIL
3069	20	600	150	.030	BRAIDED SIL
3070	18 - 12	600	150	.030	BRAIDED SIL
3071	18 - 14	600	200	.030	BRAIDED SIL
3074	12	600	200	.030	BRAIDED SIL
3075	10	600	200	.045	BRAIDED SIL
3100	14	600	150	.030	BRAIDED SIL
3101	10	600	150	.045	BRAIDED SIL
3122	20 - 16	300	200	.015	BRAIDED SIL
3123	23 - 17	600	150	.030	SILICONE
3125	8	600	200	.060	BRAIDED SIL
3127	8	600	150	.060	BRAIDED SIL
3133	22 - 16	600	150	.030	SILICONE
3134	18 - 12	500	150	.030	SILICONE
3135	18 - 14	600	200	.030	SILICONE
3137	22 - 20	600	150	.045	SILICONE
3138	18 - 17	600	150	.045	SILICONE
3143	18 - 12	600	200	.060	SILICONE
3144	12	600	200	.045	BRAIDED SIL
3145	12	600	200	.060	BRAIDED SIL
3172	22 - 20	600	200	.030	BRAIDED SIL
3208	18 - 14	600	150	.060	BRAIDED SIL
3209	18	600	200	.060	BRAIDED SIL
3212	22 - 10	600	150	.045	SILICONE
3213	8 - 6	600	150	.060	SILICONE
3239	22 - 10	10KVDC	200	.040	SILICONE
3239	22 - 10	15KVDC	200	.045	SILICONE
3239	22 - 10	20KVDC	200	.050	SILICONE
3239	22 - 12	25KVDC	200	.062	SILICONE
3239	14 - 16	30KVDC	200	.078	SILICONE
3239	22 - 12	20KV - 40KV	150 & 200	.045 - .090	SILICONE
3251	22 - 12	600	230	.045	SILICONE
3252	22 - 10	600	230	.030	BRAIDED SIL
3253	22 - 12	300	230	.030	SILICONE
3254	20 - 12	300	230	.030	BRAIDED SIL
3257	22 - 12	25KVDC/10KVAC	250	.075	SILICONE
3304	22 - 12	10KVAC	200	.040	BRAIDED SIL
<b>SILICONE FIXTURE WIRE</b>					
SF-1	18	300	200	.015	BRAIDED SIL
SFF-1	18	300	150	.015	BRAIDED SIL
SF-2	18 - 14	600	200	.030	BRAIDED SIL
SFF-2	18 - 14	600	150	.030	BRAIDED SIL

\*Insulation thickness based on smallest gauge size. \*\*Not intended for continuous duty. Information contained here is for reference only.

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# Copperfield AUTOMOTIVE Styles

3/1/2006

Wire Style	AWG Size Range *	Voltage Rating	Temperature Rating	*Insulation Thickness	Insulation Material
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## SAE, CHRYSLER, FORD, GM

Ultra Thin Wall	22 - 14	≤ 60DC	85C	.010, .012	PVC
TWP	22 - 10	60DC/25AC	85 or 105	.016, .018, .020	PVC
GPT	20 - 8	60DC/25AC	85 or 105	.023, .026, .031, .037	PVC
HDT	20 - 8	60DC/25AC	85	.036, .037, .040, .046, .055	PVC
STT Battery	6 - 4/0	60DC/25AC	85	.043, .044	PVC
SGT Battery	6 - 4/0	60DC/25AC	85 or 105	.060, .065, .078	PVC
TXL	22 - 8	60DC/25AC	125	.016, .018, .020, .022	XLPE
GXL	20 - 8	60DC/25AC	125	.023, .026, .031, .037	XLPE
SXL	20 - 8	60DC/25AC	125	.030, .032, .035, .037, .041, .043	XLPE
STX Battery	6 - 4/0	60DC/25AC	125 or 150	.043, .044	XLPE or EBXLPE
SGX Battery	6 - 4/0	60DC/25AC	125	.060, .065, .078	XLPE
STR Battery	6 - 4/0	60DC/25AC	90	.043, .044	CPE
SGR Battery	6 - 4/0	60DC/25AC	90	.060, .065, .078	CPE

## Miscellaneous

GPT Marine	18 - 6	<50DC	105	.023, .026, .031, .037	PVC
Bonded - GPT Marine	18 - 8 (2,3 & 4 Cond)	<50DC	105	.023, .026, .031, .037	PVC
Bonded - GPT	20 - 8 (2,3 & 4 Cond)	≤ 60DC/25AC	85	.023, .026, .031, .037	PVC
TRAILER CABLE	Various	≤ 60DC	85 or 105	Various	PVC

## European Auto

FLRY-A (FLRYW) Euro	0.22 - 0.50	60DC	90 or 105	.008, .009	PVC
FLRY-B (FLRYW) Euro	0.35 - 6.0	60DC	90 or 105	.008, .009, .011, .012	PVC

## Japanese (JIS)

AV - Battery (JIS)	5.0 - 15.0	≤ 50DC	N/A	.031, .035, .039, .043	PVC
AVS - Battery (JIS)	5.0	≤ 60DC	N/A	.028	PVC
HDEB/HEB - Battery(JIS)	5.0 - 40.0	≤ 50DC	N/A	.031, .039, .043, .055	PVC
EB - Battery (JIS)	5.0 - 40.0	≤ 50DC	N/A	.024	PVC
AV (JIS)	0.5 - 3.0	≤ 50DC	N/A	.024, .028	PVC
AV(F) (JIS)	0.5 - 2.0	≤ 50DC	N/A	.024, .028	PVC
AVS (JIS)	0.3 - 3.0	≤ 60DC	N/A	.020, .024	PVC
AVS(F) (JIS)	0.3	≤ 60DC	N/A	.020	PVC
AVSS (JIS)	0.3 - 2.0	≤ 60DC	N/A	.012, .016	PVC
AVSSC(F) (JIS)	0.3 - 2.0	≤ 60DC	N/A	.012, .016	PVC
CPAVS(F)/LTAVS(F) (JIS)	0.3 - 2.0	≤ 60DC	N/A	.020	PVC

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