

Welding Cable 600V

Description: Heavy duty arc welding cable is furnished with 30 ga (class K) flexible soft-drawn electrolytic copper. Kraft paper separates the special thermosetting compound from the bare copper. This cable resists oil, burning, abrasion, cold weather and is rated at 600 volts for intermittent use (up to three hours continuous use).

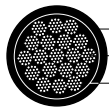
Construction: Rope stranded copper conductor, paper separator, insulated with oil-resistant compound. -40° C to +90° C

Sample Print: 4/0 +105C -50C 600V welding cable - reels are marked with sequential numbers each foot.

Uses: For connections for electrode holder and clamp to arc welder, bus, welding box or transformer. Also for certain 600 volt cable applications.



Size AWG	Stranding	Nominal Finished O.D.	Approx. Weight (lbs./M ft.)
6	259/30	0.380"	140
4	374/30	0.400"	180
2	625/30	0.470"	265
1	778/30	0.500"	320
1/0	990/30	0.565"	405
2/0	1248/30	0.620"	485
3/0	1586/30	0.675"	620
4/0	2054/30	0.75"	790
250 MCM	2496/30	0.830"	965
350 MCM	3432/30	0.960"	1310
500 MCM	5054/30	1.200"	1960



EPDM insulation
30 AWG bare copper strands
Kraft paper separator

Jacketed Type S00W

Heavy Duty Cord, 600V/90° C
U.L. File Number E 42543
C.S.A. File Number LL 24508
M.S.H.A. Number P-159-18

- Oil-resistant CPE jacket.
- Paper fillers.
- Color-coded, free-stripping EPDM insulation.
- Stranded bare copper conductor per ASTM B-174.
- Fully annealed.

* These ampacities are based on 30° C ambient temperature, per NEC Article #400.

**Not listed by U.L., but made to accepted commercial and manufacturing standards 1,000 reels and larger available.



Size AWG	Stranding	Nominal Insulation Thickness	Nominal Jacket Thickness	Nominal Outside Diameter	Current Carrying Capacity	Standard Package	Approx. Weight lbs./1,000 ft.)
18/2	16/30	.030"	.060"	.345"	10 AMPS*	250' Ctn.	70
18/3	16/30	.030"	.060"	.365"	10 AMPS*	250' Ctn.	80
18/4	16/30	.030"	.060"	.390"	7 AMPS*	250' Ctn.	95
16/2	26/30	.030"	.060"	.370"	13 AMPS*	250' Ctn.	80
16/3	26/30	.030"	.060"	.390"	13 AMPS*	250' Ctn.	95
16/4	26/30	.030"	.060"	.420"	10 AMPS*	250' Ctn.	115
16/5	26/30	.030"	.080"	.495"	8 AMPS*	250' Reel	160
12/3	65/30	.045"	.095"	.595"	25 AMPS*	250' Ctn.	225
12/4	65/30	.045"	.095"	.650"	20 AMPS*	250' Ctn.	270
10/3	104/30	.045"	.095"	.660"	30 AMPS*	250' Ctn.	290
10/4	104/30	.045"	.095"	.715"	25 AMPS*	250' Ctn.	355
**8/3	133/29	.06"	.110"	.855"	40 AMPS*	250' Reel	485
**8/4	133/29	.06"	.125"	.780"	35 AMPS*	250' Reel	670
**6/3	133/27	.06"	.125"	.980"	55 AMPS*	250' Reel	700
**6/4	133/27	.06"	.140"	1.090"	45 AMPS*	250' Reel	875

Cable - Shrink Wrap / Power Cord / Cylinder Carts

Shrink Wrapped Cable Welding Cable 600V

Shrink wrapped welding cable is packaged in a Polyethylene shrink wrap package for 25', 50', and 100' lengths. This convenient, durable, and attractive package ships better than boxed material and saves showroom shelf space and valuable warehousing space. This cable is abrasion resistant and has excellent flexibility and strong color retention.

*Available in most sizes



25' 8/3 ST 0° C to 60° C Power Supply Cord

Constructed with #8 AWG 133/29 bare copper, this 25' power supply cord has black, white, and green (ground) conductors and a matte black Polyvinyl Chloride jacket. The male/cap (end) and female/connector end (receptacle) are NEMA 6-50P and NEMA 6-50R black, PVC, polarized connectors.

- U.L. Type ST, CSA Approved
- 40 Amps, 250 Volts, 1,000 Watts

Part No. 8325



Copper Conductor AWG Guide



Electrode Distance from Welding Equipment (ft.) *1/2 total circuit length									
Amps	50	75	100	125	150	200	250	300	350
100	4	4	2	2	1	1/0	2/0	3/0	4/0
150	3	3	1	1/0	2/0	3/0	4/0		
200	2	1	1/0	2/0	3/0	4/0			
250	1	1/0	2/0	3/0	4/0				
300	1	2/0	3/0	4/0					
350	1/0	3/0	4/0						
400	2/0	3/0	4/0						
450	3/0	4/0							
500	4/0	4/0							
600	250 MCM								
750	350 MCM								
900	500 MCM								

* Based on voltage drop of 4 volts per ICEA and NEMA specifications

Standard package information: 250', 500' and single length N/R reels minus 10%- plus 20%

Cut and fitted cable assemblies also available. Call for details.



Light and Medium Duty Cylinder Trucks

These light and medium cylinder trucks are perfect for hobbyists, plumbers, maintenance departments, farmers, garages, and almost any application with hard surface floors.



Part No. CTR-6



Part No. CTR-6-1T



Part No. CTR-8



Part No. CTR-8-1T

Part No.	Cylinder		Wheels		Base Dimension	Height	Width	Depth	Wt. (lbs.)
	Acetylene	Oxygen	No.	Type					
CTR-6	40/60	60/90	100610	Semi-pneumatic	8" x 15.5"	42"	19"	12"	13
CTR-6-1T	40/60	60/90	100610	Semi-pneumatic	8" x 15.5"	42"	19"	12"	18
CTR-8	40/120	122/160	100810	Semi-pneumatic	8" x 19"	44"	23"	13.5"	23
CTR-8-1T	40/120	122/160	100810	Semi-pneumatic	8" x 19"	42"	19"	12"	19
CTRB-10-2T	40/120	122/244	101020	Semi-pneumatic	9.25" x 19.5"	46.5"	25.5"	17"	35