

# 600V ARC - WELDING CABLE

## Zero Halogen EP Welding Cable 105°C Industrial Grade



### SPECIFICATIONS & STANDARDS

UL 1581

### CONSTRUCTION:

- Conductors:** Flexible stranded bare copper per ASTM B-172 Class K
- Separator:** Tape separator between the conductor and insulation
- Jacket:** Ethylene Propylene Rubber (EPR) Class 45, 105°C Table 50.55 of UL 1581
- Color of jacket:** Black 6AWG - 500MCM;  
Red 6AWG-4/0

FEATURES	APPLICATION
<ul style="list-style-type: none"> <li>- Excellent flexibility</li> <li>- Ozone, sun, weather resistant</li> <li>- Rated and flexible at -40°C</li> <li>- Oil resistant</li> <li>- Heat resistant at 105°C</li> </ul>	<ul style="list-style-type: none"> <li>- Secondary voltage resistance welding leads</li> <li>- Leads for motors, generators, batteries</li> </ul>

Part Number	Power Conductor Size	Power Conductor Stranding	Nominal Insulation Thickness			Approx. Weight		Maximum Direct Current Resistance 20C Ω/km	Ampacity 40°C Ambient Temp.
			inches	inches	mm	lbs/1000 ft	kgs/km		
WC6	6 AWG	253/30	0.060	0.319	8.1	115	171	1.38	133
WC4	4 AWG	403/30	0.060	0.366	9.3	169	252	0.865	179
WC2	2 AWG	636/30	0.060	0.429	10.9	255	379	0.549	237
WC1	1 AWG	798/30	0.080	0.508	12.9	303	451	0.436	284
WC1/0	1/0 AWG	1016/30	0.080	0.555	14.1	396	589	0.345	327
WC2/0	2/0 AWG	1261/30	0.080	0.598	15.2	482	719	0.276	377
WC3/0	3/0 AWG	1590/30	0.080	0.673	17.1	595	887	0.219	449
WC4/0	4/0 AWG	2007/30	0.080	0.716	18.2	734	1092	0.173	514
WC250	250 MCM	2399/30	0.095	0.866	22.0	907	1349	0.147	577
WC350	350 MCM	3327/30	0.095	0.953	24.2	1203	1790	0.106	719
WC500	500 MCM	4746/30	0.095	1.130	28.7	1734	2580	0.0743	908
WC6 RED	6 AWG	253/30	0.060	0.319	8.1	115	171	1.38	133
WC4 RED	4 AWG	403/30	0.060	0.366	9.3	169	252	0.865	179
WC2 RED	2 AWG	636/30	0.060	0.429	10.9	255	379	0.549	237
WC1 RED	1 AWG	798/30	0.080	0.508	12.9	303	451	0.436	284
WC1/0 RED	1/0 AWG	1016/30	0.080	0.555	14.1	396	589	0.345	327
WC2/0 RED	2/0 AWG	1261/30	0.080	0.598	15.2	482	719	0.276	377
WC3/0 RED	3/0 AWG	1590/30	0.080	0.673	17.1	595	887	0.219	449
WC4/0 RED	4/0 AWG	2007/30	0.080	0.716	18.2	734	1092	0.173	514

(1) Ampacity – Free air measured; Based on continuous duty at 90°C conductor temperature

### STANDARD PRINT LEGEND:

TF CABLE (SIZE) ARC WELDING CABLE 600V OIL RESISTANT -40°C +105°C

### SPECIAL FACTORY OPTIONS:

- Conductor:** Class M (AWG 34) stranding
- Jacket:** Neoprene®
- CSA:** 1101275 -FT2; Oil Resistant (Optional)

Neoprene is a registered trademark of DuPont