

ARC - WELDING CABLE EP 105°C 600V

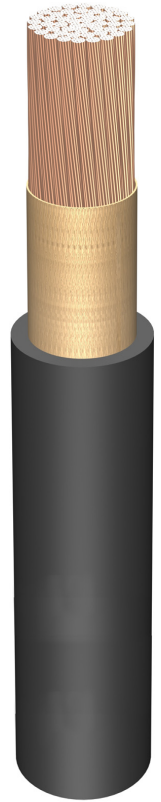
Single conductor Zero Halogen EP 105°C insulated welding cable

SPECIFICATIONS & STANDARDS

According to UL 1581

CONSTRUCTION:

Conductors:	Fully annealed flexible stranded bare copper per ASTM B-172 Class K Class M (AWG 34) stranding available
Separator:	A suitable tape separator between the conductor and insulation
Jacket:	Ethylene Propylene Rubber (EPR) Type EP Class 45, 105°C Table 50.55 of UL 1581; Neoprene® optional jacket available
Color of jacket:	Black; Other colors available



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

Standard length cable packing: 1000 ft reels; Other forms of packaging available

APPROVALS:

CSA: 1101275 -"FT2"; "Oil Resistant" (Optional)

Neoprene is a registered trademark of DuPont



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Part Number	Power Conductor Size	Power Conductor Stranding	Nominal Insulation Thickness	Nominal O.D.		Approx. Weight		Maximum Direct Current Resistance 20C Ω/km	Ampacity 40°C Ambient Temp.
	AWG or MCM	No. of Stranding	inches	inches	mm	lbs/1000 ft	kgs/km	Ω/km	A
WC8	8 AWG	161/30	0.060	0.299	7.6	82	122	2.18	100
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

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

STANDARD PRINT LEGEND:

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

