

# POLARFLEX 40 WELDING CABLE

**Description** Polarflex welding cable is furnished with 30 ga. (class k) flexible soft drawn electrolytic copper. The insulator and outer sheath are constructed of the same thermoplastic rubber compound. Polarflex exhibits excellent resistance to acid, oil, ultraviolet light, ozone and water. Polarflex offers superior abrasion resistance and improved flexibility and temperature resistance at both the upper and lower operating ranges. Uses include welding at 600 volts for intermittent use (up to three hours continuous use), automotive engine parts and connectors where superior performance in a wide range of operating conditions and environments apply.

**Use** For connections for electrode holder and clamp to arc welder, bus, welding box or transformer. Also suitable for certain 600 volt applications such as battery leads and jumper cables. Available in all standard colors.

**Thermal Rating** Cold weather brittle break temperature -59°C Maximum continuous use temperature +105°C

**Construction** Rope stranded copper conductor, separator, insulated with oil and water resistant thermoplastic compound. UL 62 for SJE, SJEO, SE, SEO rated 60°C or 90°C. Class 36 60°C or 105°C. 720 hr. for outdoor use. -50°C. Optional SJE, SE, water resistant W-A VW1 or FT1.

**Jacket** CSA TPE jacketed cord SJT, SJTO, ST rated 60°C. Outdoor SJTW, STW, rated 60°C. FT2



Product Code	Size	Stranding / Construction	Nominal OD inches	Nominal Finished OD inches	Ship. Weight lbs/mft
320420	2	627 7x90/30	0.3005	0.51	302
320430	1	798 7x110/30	0.339	0.54	360
320440	1/0	988 7x140/30	0.3772	0.61	460
320450	2/0	1273 19x67/30	0.4281	0.66	578
320460	3/0	1596 19x84/30	0.485	0.73	686
320470	4/0	1976 19x104/30	0.5334	0.79	858