



POWER KABEL INC.

ARC-WELDING CABLE EPR/CPE 600 V 105°C UL

APPLICATIONS & FEATURES

Secondary voltage resistant welding leads for motors, generators, batteries and other industrial applications. Excellent flexibility Heat resistant at 105°C, Ozone, sun, weather resistant Oil resistant, Rated and flexible at -50°C

INDUSTRY COMPLIANCES

UL 1581 & 44

ASTM B 172 Class K

CONSTRUCTION

CONDUCTOR: Flexible stranded bare copper per ASTM B 172 Class K
SEPARATOR: Paper separator between conductor and insulation
INSULATION: Ethylene-propylene rubber (EPR). Class 45, 105°C, Table 50.55 of UL 1581
JACKET: Type CPE Class 47, 105°C, Table 50.33 of UL 1581

AWG	STANDS	INSULATION THICKNESS (INCHES)	JACKET THICKNESS (INCHES)	TOTAL THICKNESS INNER & OUTER LAYER (INCHES)	OUTSIDE DIAMETER (INCHES)	POUNDS PER 1000 FT
8	161/30	0.024	0.039	0.054	0.305	80
6	253/30	0.024	0.039	0.054	0.318	110
4	403/30	0.024	0.039	0.054	0.366	163
2	636/30	0.024	0.039	0.054	0.429	243
1	798/30	0.033	0.047	0.072	0.498	317
1/0	1016/30	0.033	0.047	0.072	0.555	393
2/0	1261/30	0.033	0.047	0.072	0.598	477
3/0	1590 /30	0.033	0.047	0.072	0.665	591
4/0	2007/30	0.033	0.047	0.072	0.716	729
250MCM	2399/30	0.040	0.055	0.086	0.866	894
350MCM	3327/30	0.040	0.055	0.086	0.952	1202
500MCM	4746/30	0.040	0.055	0.086	1.122	1672

All values are nominal and subject to correction.