

PORTABLE CONTROL CABLE TYPE SOOW - #14AWG 90DEG C 600VOLTS UL, CSA, AND MSHA LISTED

CONSTRUCTION:

CONDUCTOR 41 STRANDS OF #30AWG FLEXIBLE SOFT DRAWN BARE COPPER. PER ASTM B-3.

INSULATION EPDM RUBBER COLOR CODED PER ICEA METHOD 1 TABLE E-1, EXCEPT 3/C #14, WHICH IS BLACK-WHITE-GREEN.

ASSEMBLY INSULATED CONDUCTORS ARE CABLED TOGETHER WITH FILLERS AS NEEDED AND A SUITABLE TAPE SEPARATOR.

JACKET BLACK THERMOSET CPE RUBBER JACKET, WHICH IS ABRASION, CHEMICAL, FLAME, OIL, OZONE, SUNLIGHT, AND WATER RESISTANT.

Charlotte Wire Part#	Size AWG	Number of Conductors	Insulation Thickness (in.)	Jacket Thickness (in.)	Rating in Amps*	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)
CW03121	14	2	.045"	.080"	18	.50"	145
CW03122	14	3	.045"	.080"	18	.53"	172
CW03123	14	4	.045"	.080"	15	.57"	211
CW03124	14	5	.045"	.095"	12	.65"	260
CW03125	14	6	.045"	.095"	12	.70"	316
CW03126	14	7	.045"	.095"	10.5	.70"	350
CW03127	14	8	.045"	.095"	10.5	.74"	375
CW03128	14	10	.045"	.095"	7.5	.85"	470
CW03129	14	12	.045"	.095"	7.5	.88"	530
CW03130	14	14	.045"	.095"	7.5	.95"	595
CW03131	14	16	.045"	.110"	7.5	1.00"	690
CW03132	14	20	.045"	.110"	7.5	1.09"	815
CW03133	14	24	.045"	.110"	6.8	1.22"	970
CW03134	14	30	.045"	.125"	6.8	1.38"	1160
CW03135	14	37	.045"	.125"	6	1.48"	1390
CW03136	14	40	.045"	.125"	6	1.54"	1480
CW03137	14	50	.045"	.125"	6	1.73"	1880

*Ampacities based on 30Deg C ambient temperature in air per the 2011 NEC, Table 400.5(A)(1).

Values shown are for current carrying conductors. A grounding conductor, or one which carries only the unbalance current from other conductors is not counted in determining current carrying capacity.

APPLICATION:

For use in connection of portable equipment and appliances. Also for use on signal and control circuits in industrial plants. Designed for extra hard usage and for equipment that is exposed to chemicals, oils, sunlight, and moisture.

STANDARDS:

UL Standard 62 for flexible cords.

CSA Standard C22.2 No. 49 for flexible cords.

MSHA Approved: passes MSHA flame test.

UL & CSA Type SOW: Weather resistant/outdoor.