



RUBBER TYPE SOOW BLACK (UL)

APPLICATIONS: Type SOOW UL/CSA is designed for extra hard usage on industrial equipment, heavy tools, battery chargers, power extensions and mining applications, it is permitted for use as specified by Article 400 and related articles of the 2011 NEC.

CONSTRUCTION: *CONDUCTOR:* 18 AWG-2AWG Class K stranded bare copper per ASTM B-174
INSULATION: EPDM
COLOR CODE: See Color Chart Below
JACKET: CPE
COLOR: Black
TEMPERATURE RANGE: -40°C to 90°C

PHYSICAL PROPERTIES: Oil and Water Resistant
Non-Marking Jacket, Lightweight & Very Flexible at Low Temp.

ELECTRICAL PROPERTIES: UL Standard 62, CSA Standard C22.2 No. 49, Passes CSA FT2 Flame Test, MSHA listed, passes MSHA flame test (P-136-MSHA), RoHS

KINGWIRE SOOW UL/CSA	
Number of Conductors	Color
2	Black, White
3	Black, White, Green
4	Black, White, Red, Green
5	Black, White, Red, Orange, Green

KINGWIRE SOOW UL/CSA

Conductor Size AWG	Conductor Stranding	Nominal Insulation Thickness (in)	Nominal Jacket Thickness (in)	Nominal Overall Diameter (in)	Weight per 1000 ft. (lbs)	Ampacity
18/2	16 X 30	0.030	0.060	0.347	54	10
18/3	16 X 30	0.030	0.060	0.366	64	10
18/4	16 X 30	0.030	0.060	0.390	79	7
18/5	16 X 30	0.030	0.060	0.465	108	6
16/2	26 X 30	0.030	0.060	0.369	62	13
16/3	26 X 30	0.030	0.060	0.390	77	13
16/4	26 X 30	0.030	0.080	0.415	90	10
16/5	26 X 30	0.030	0.080	0.492	125	8
14/2	41 X 30	0.045	0.080	0.500	115	18
14/3	41 X 30	0.045	0.080	0.522	141	18
14/4	41 X 30	0.045	0.080	0.567	167	15
14/5	41 X 30	0.045	0.095	0.642	213	12
12/2	65 X 30	0.045	0.095	0.570	154	25
12/3	65 X 30	0.045	0.095	0.592	184	25
12/4	65 X 30	0.045	0.095	0.643	226	20
12/5	65 X 30	0.045	0.095	0.707	282	16
10/2	104 X 30	0.045	0.095	0.617	195	30
10/3	104 X 30	0.045	0.095	0.652	246	30
10/4	104 X 30	0.045	0.095	0.703	300	25
10/5	104 X 30	0.045	0.095	0.765	360	20
8/3	133 X 29	0.060	0.110	0.855	420	40
8/4	133 X 29	0.060	0.125	0.941	532	35
8/5	133 X 29	0.060	0.125	1.039	667	28
6/3	133 X .0142	0.060	0.125	0.975	580	55
6/4	133 X .0142	1.060	1.140	1.075	743	45
6/5	133 X .0142	0.060	0.140	1.185	874	36
4/3	133 X .0171	0.060	0.140	1.132	835	70
4/4	133 X .0171	0.060	0.155	1.265	1075	60
4/5	133 X .0171	0.060	0.155	1.386	1300	48
2/3	133 X .0220	0.060	0.155	1.305	1160	95
2/4	133 X .0220	0.060	0.170	1.457	1520	80
2/5	133 X .0220	0.060	0.170	1.558	1735	64

Note: Specifications contained herein reflect current data and are subject to change. Values are nominal and/or approximate.