



## RUBBER TYPE SOOW (NON-UL) 600V

**APPLICATION:** Type SOOW Non-UL is designed for use with industrial equipment, battery chargers, portable lights and power extensions. Non-UL Type SOOW is sunlight, water, oil and weather resistant and suitable for outdoor applications.

**CONSTRUCTION:** *CONDUCTOR:* 8 AWG-2 AWG Bare Copper Stranded  
*INSULATION:* EPDM  
*COLOR CODE:* See Color Chart Below  
*JACKET:* CPE  
*COLOR:* Black

**PHYSICAL PROPERTIES:** *TEMPERATURE RANGE:* -40°C to 90°C  
Oil and Water Resistant Non-Marking Jacket, Lightweight & Very Flexible at Low Temp.

**ELECTRICAL PROPERTIES:** *INDUSTRY APPROVALS:* ICEA where applicable, MSHA listed, passes MSHA flame test (P-136-MSHA), Water, Oil, Weather and Sunlight Resistant, ROHS.

**KINGWIRE 600V Rubber Type SOOW Black (Non-UL) Color Code Chart**

Number of Conductors	Color
2	Black, White
3	Black, White, Green
4	Black, White, Red, Green
5	Black, White, Red, Orange, Green

**KINGWIRE 600V Rubber Type SOOW Black (Non-UL)**

Conductor (AWG)	Conductor Stranding (#/AWG)	Nominal Insulation Thickness (in)	Nominal Jacket Thickness (in)	Nominal Overall Diameter (in)	Conductor Concentricity Min.	Filler	Wrapping	Weight per 1000 ft. (lbs)
8/2	119 X.0113	0.050	NA	0.680±0.047	65%	Rubber strip	Non-woven	273
8/3	119 X.0113	0.050	NA	0.719±0.047	65%	Rubber strip	Non-woven	300
8/4	119 X.0113	0.050	NA	0.786±0.047	65%	Rubber strip	Non-woven	441
8/5	119 X.0113	0.050	NA	0.857±0.047	65%	Rubber strip	Non-woven	503
6/2	119 X.0142	0.050	NA	0.755±0.047	65%	Rubber strip	Non-woven	350
6/3	119 X.0142	0.050	NA	0.798±0.047	65%	Rubber strip	Non-woven	465
6/4	119 X.0142	0.050	NA	0.873±0.047	65%	Rubber strip	Non-woven	626
6/5	119 X.0142	0.050	NA	0.971±0.047	65%	Rubber strip	Non-woven	777
4/2	119 X 26	0.050	NA	0.841±0.047	65%	Rubber strip	Non-woven	478
4/3	119 X 26	0.050	NA	0.893±0.047	65%	Rubber strip	Non-woven	664
4/4	119 X 26	0.050	NA	0.999±0.047	65%	Rubber strip	Non-woven	869
4/5	119 X 26	0.050	NA	1.093±0.047	65%	Rubber strip	Non-woven	1030
2/2	133 X.0211	0.050	NA	0.992±0.047	65%	Rubber strip	Non-woven	710
2/3	133 X.0211	0.050	NA	1.091±0.047	65%	Rubber strip	Non-woven	1065
2/4	133 X.0211	0.050	NA	1.181±0.047	65%	Rubber strip	Non-woven	1285
2/5	133 X.0211	0.050	NA	1.331±0.047	65%	Rubber strip	Non-woven	1602

Note: All dimensions and weights are subject to industry standards and tolerance unless otherwise noted