



## RUBBER TYPE SJOOW (UL) 300V

**APPLICATION:** Type SJOOW UL/CSA is designed for use with power extensions, portable tools, appliances, small motors and equipment; it is permitted for use as specified by Article 400 and related articles of the 2011 NEC.

**CONSTRUCTION:** **CONDUCTOR:** 18 AWG-10AWG Class K stranded bare copper per ASTM B-174  
**INSULATION:** TPE  
**COLOR CODE:** See Color Chart Below  
**JACKET:** TPE  
**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:** 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 SJOOW 105° UL COLOR CHART**

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

**KINGWIRE SJOOW 105C (UL)**

Conductor Size (AWG)	Conductor Stranding (#/AWG)	Nominal Insulation Thickness (in)	Nominal Overall Diameter (in)	Weight per 1000 ft. (lbs)	Ampacity
18/2	16 X 60	0.030	0.285	37	10
18/3	16 X 30	0.030	0.310	49	10
18/4	16 X 30	0.030	0.330	59	7
16/2	26 X 30	0.030	0.310	46	13
16/3	26 X 30	0.030	0.330	59	13
16/4	26 X 30	0.030	0.357	73	10
14/2	41 X 30	0.030	0.340	60	18
14/3	41 X 30	0.030	0.365	79	18
14/4	41 X 30	0.030	0.395	98	15
12/2	65 X 30	0.030	0.410	90	25
12/3	65 X 30	0.030	0.430	116	25
12/4	65 X 30	0.030	0.470	150	20
10/2	104 X 30	0.045	0.545	155	30
10/3	104 X 30	0.045	0.572	200	30
10/4	104 X 30	0.045	0.630	257	25

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