

# Silicone Rubber Insulated material

## Style UL3231 High Temperature Wire

Internal wiring of electronic equipment

### Description:

Conductor material of Tinned, Nickel or Silvered copper  
 “\*” Conductor material used only Nickel or Silvered copper per ASTM B3/33  
 Rated temperature 200 °C  
 Rated Voltage 600 V (Spark voltage 6000 V)  
 Flame resistance FT2  
 RoHS Compliant

### Specification:

Gauge (AWG)	Number of Strands	Gauge of Strands (AWG)	Nom. Dia. of Stranded Conductor		Nom. Fin. Wire Diam.		Max. Resistance (dc at 20°C) Ohm/per		Nom. Wt.	
			Inch	mm	Inch	mm	1000-ft	Km	LBS./1000 ft.	Kg/Km
4/0	259	21	.5197	13.20	.6772	17.20	0.0525	0.1722	707.57	1052.72
3/0	259	22	.4610	11.71	.6185	15.71	0.0669	0.2194	567.14	843.79
2/0	259	23	.4173	10.60	.5748	14.60	0.0814	0.2670	472.19	702.52
1/0	259	24	.3657	9.29	.5232	13.29	0.1026	0.3367	372.52	554.24
1	259	25	.3331	8.46	.4906	12.46	0.1300	0.4268	314.89	468.49
2	259	26	.2854	7.25	.4051	10.29	0.1641	0.5384	225.47	335.45
4	133	25	.2386	6.06	.3583	9.10	0.2608	0.8559	163.94	243.91
*6	266	30	.1882	4.78	.3079	7.82	0.4148	1.361	109.08	162.29
*8	168	30	.1496	3.80	.2693	6.84	0.6795	2.23	74.76	111.23
*10	105	30	.1181	3.00	.2087	5.30	1.08	3.55	45.92	68.31
*12	65	30	.0933	2.37	.1547	3.93	1.72	5.64	27.05	40.16
*14	41	30	.0740	1.88	.1354	3.44	2.73	8.96	18.58	27.58
16	7	25	.0591	1.50	.1205	3.06	4.45	14.6	13.52	20.09
*16	26	30	.0591	1.50	.1205	3.06	4.45	14.6	13.13	19.47
18	1	18	.0402	1.02	.1016	2.58	6.77	22.2	9.01	13.37
18	7	26	.0465	1.18	.1079	2.74	7.06	23.2	9.48	14.07
*18	16	30	.0465	1.18	.1079	2.74	7.06	23.2	9.32	13.85
*18	41	34	.0465	1.18	.1079	2.74	7.06	23.2	9.41	13.97
20	1	20	.0320	0.813	.0934	2.37	10.7	35.2	6.74	10.00
*20	10	30	.0374	0.95	.0988	2.51	11.2	36.7	7.11	10.56
*20	21	33	.0374	0.95	.0988	2.51	11.2	36.7	7.14	10.59
*22	17	34	.0299	0.76	.0913	2.32	18.1	59.4	5.55	8.22
*22	7	30	.0299	0.76	.0913	2.32	18.1	59.4	5.79	8.59
*24	7	32	.0240	0.61	.0854	2.17	28.7	94.2	4.46	6.63
*24	11	34	.0240	0.61	.0854	2.17	28.7	94.2	4.46	6.64
*26	7	34	.0197	0.50	.0811	2.06	45.8	150	3.73	5.55

### Order reference:

Colors available: 0-Black, 1-Brown, 2-Red, 3-Orange, 4-Yellow, 5-Green, 6-Blue, 7-Violet, 8-Grey, 9-White, 5/4 – Green W/ Yellow

Striping: Longitudinal and Parallel Stripes Available Per Request

Delivery: All Stocked Items Available for Immediate Shipment, 8 Week Lead Time for Non-stocked Items

Package: Stocked in Spools, Barrel Pack Available Per Request

Wire Processing: Cut, Strip, and Tinning Available