SRK ML 150°C-200°C 600V

Flexible Silicone Rubber Kevlar (Aramid Fiber) Braid, Temp Rating 150°C for #18AWG - #6AWG, and Temp Rating 200°C for #4AWG - 750kcmil

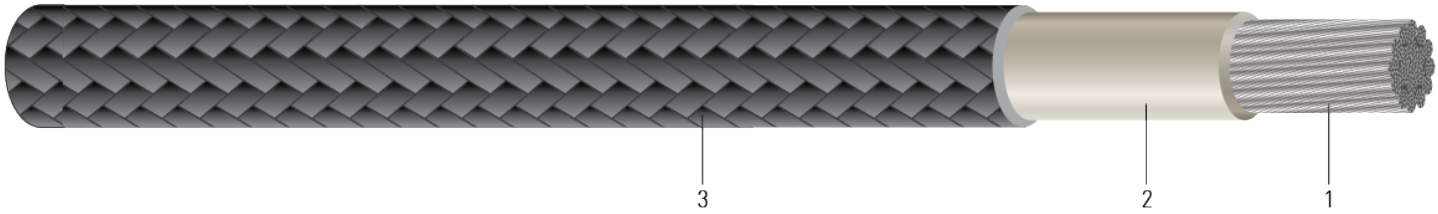

Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Stranded tinned, annealed copper per ASTM B33
2. **Insulation:** Silicone Rubber
3. **Jacket:** A Kevlar Aramid Fiber braid jacket is applied over the insulation, then treated with a high temperature lacquer finish

APPLICATIONS AND FEATURES:

Used for leads to motors, transformers or other electrical equipment, also in equipment where hazardous, and/or high temperature, conditions exist requiring flexible heat resistant conductors at 600 volts. Excellent electrical properties, flexible, good chemical resistance, contains no chlorine or other halogens, and fungus resistant. Colors available upon request.

SPECIFICATIONS:

- ASTM B33 Standard Specification for Tin-Coated Soft or Annealed Copper Wire
- UL AWM Appliance wire approvals as listed in Table 1
- CSA Approved as shown in Table 1
- CSA AWM I A/B 600 FT1 FT2
- RoHS-3 Complies with European Directive 2015/863

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Table 1 – Weights and Measurements

Stock Number	Cond. Size	Cond. Strands	Insul. Thickness	Braid	Approx. OD	Approx. Weight	Temp. Rating	Standard (UL or other)
	AWG/Kcmil	strand	mil	mil	inch	lb/1000ft	°C	Style/Type
C01891	18	16/.0100	45	25	0.188	17	150	-
C01666	16	26/.0100	45	25	0.199	22	150	-
C014H9	14	41/.0100	45	25	0.220	30	150	3410
C01293	12	65/.0100	45	25	0.240	40	150	3410
C01038	10	105/.0100	45	25	0.270	50	150	3410
C00806	8	133/.0111	60	40	0.375	90	150	3410
C00601	6	133/.0142	60	40	0.390	110	150	3410
C00408	4	133/.0177	60	40	0.455	160	200	3410
C00222	2	133/.0223	60	40	0.490	240	200	3410
C00101	1	259/.0177	80	40	0.625	360	200	3410
C01T17	1/0	259/.0202	80	40	0.640	390	200	3410
C02T15	2/0	259/.0229	80	40	0.670	490	200	3410
C03T10	3/0	259/.0255	80	40	0.735	600	200	3410
C04T02	4/0	259/.0286	80	40	0.835	795	200	3410
C02507	250	427/.0255	100	40	0.920	960	200	3410
C03507	350	427/.0286	100	40	1.040	1310	200	3410
C05M06	500	427/.0342	100	40	1.200	1830	200	3410
C07504	750	703/.0327	115	40	1.455	2720	200	3410

All dimensions are nominal and subject to normal manufacturing tolerances
◊ Cable marked with this symbol is a standard stock item
Dimensions and weights for other cable configurations are available upon request.
18 - 6 AWG 200°C available with appropriate conductor stranding.

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Table 2 – Weights and Measurements (Metric)

Stock Number	Cond. Size	Cond. Strands	Insul. Thickness	Braid	Approx. OD	Approx. Weight	Temp. Rating	Standard (UL or other)
	AWG/Kcmil	strand	mm	mm	mm	kg/km	°C	Style/Type
C01891	18	16/.0100	1.14	0.64	4.78	25	150	-
C01666	16	26/.0100	1.14	0.64	5.05	33	150	-
C014H9	14	41/.0100	1.14	0.64	5.59	45	150	3410
C01293	12	65/.0100	1.14	0.64	6.10	60	150	3410
C01038	10	105/.0100	1.14	0.64	6.86	74	150	3410
C00806	8	133/.0111	1.52	1.02	9.52	134	150	3410
C00601	6	133/.0142	1.52	1.02	9.91	164	150	3410
C00408	4	133/.0177	1.52	1.02	11.56	238	200	3410
C00222	2	133/.0223	1.52	1.02	12.45	357	200	3410
C00101	1	259/.0177	2.03	1.02	15.88	536	200	3410
C01T17	1/0	259/.0202	2.03	1.02	16.26	580	200	3410
C02T15	2/0	259/.0229	2.03	1.02	17.02	729	200	3410
C03T10	3/0	259/.0255	2.03	1.02	18.67	893	200	3410
C04T02	4/0	259/.0286	2.03	1.02	21.21	1183	200	3410
C02507	250	427/.0255	2.54	1.02	23.37	1429	200	3410
C03507	350	427/.0286	2.54	1.02	26.42	1949	200	3410
C05M06	500	427/.0342	2.54	1.02	30.48	2723	200	3410
C07504	750	703/.0327	2.92	1.02	36.96	4048	200	3410