MG 550°C 300V UL 5424

Flexible High Temperature Lead Wire, Temp Rating 550°C

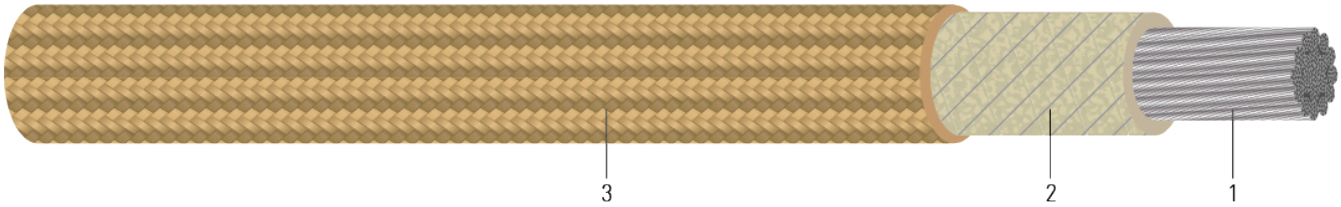

Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Flexible stranded 27% nickel plated, annealed copper
2. **Insulation:** Mica fiberglass composite
3. **Jacket:** A fiberglass braid jacket is applied over the insulation, then treated with a high-temperature saturant. Natural color is tan.

APPLICATIONS AND FEATURES:

Internal wiring. Approved for use up to 550°C.

Excellent thermal and flame resistance, flexible, good chemical resistance, and produces minimal smoke when exposed to flames. Colors available upon request.

SPECIFICATIONS:

- UL AWM Appliance wire approvals as listed in Table 1
- CSA AWM I A/B FT1
- 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
C2243D	24	7/.008	16	7	0.070	6	550	5424
C2223D	22	7/.0100	16	7	0.077	7	550	5424
C2203D	20	10/.0100	16	7	0.087	8	550	5424
C2183D	18	16/.0100	16	7	0.100	11	550	5424
C2163D	16	26/.0100	16	7	0.110	15	550	5424
C2143D	14	41/.0100	16	7	0.125	20	550	5424
C2123D	12	65/.0100	16	7	0.145	29	550	5424
C2103D	10	105/.0100	26	7	0.190	48	550	5424
C2083D	8	133/.0111	26	12	0.240	75	550	5424
C2063D	6	133/.0142	26	12	0.280	113	550	5424
C2043D	4	133/.0177	26	12	0.330	170	550	5424

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.

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
C2243D	24	7/.008	0.41	0.18	1.78	9	550	5424
C2223D	22	7/.0100	0.41	0.18	1.96	10	550	5424
C2203D	20	10/.0100	0.41	0.18	2.21	12	550	5424
C2183D	18	16/.0100	0.41	0.18	2.54	16	550	5424
C2163D	16	26/.0100	0.41	0.18	2.79	22	550	5424
C2143D	14	41/.0100	0.41	0.18	3.18	30	550	5424
C2123D	12	65/.0100	0.41	0.18	3.68	43	550	5424
C2103D	10	105/.0100	0.66	0.18	4.83	71	550	5424
C2083D	8	133/.0111	0.66	0.30	6.10	112	550	5424
C2063D	6	133/.0142	0.66	0.30	7.11	168	550	5424
C2043D	4	133/.0177	0.66	0.30	8.38	253	550	5424