MG LITE 450°C 600V UL 5359

Flexible High Temperature Lead Wire - Features Clean Stripping Insulation, Temp Rating 450°C, Non-UL 538°C (1000°F)

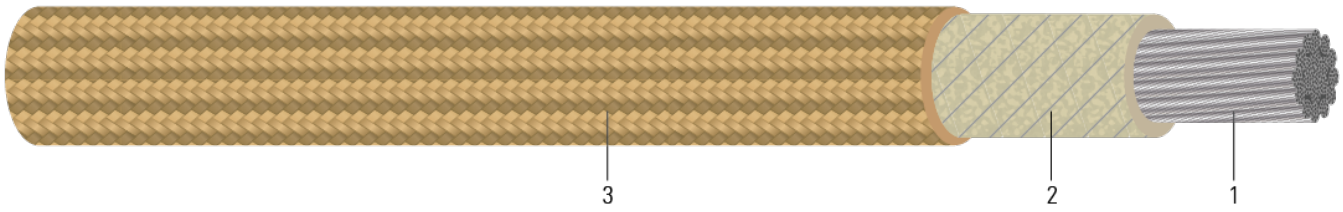


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Flexible stranded 27% nickel plated, annealed copper
2. **Insulation:** Glass reinforced phlogopite mica tapes
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:

Used for the internal wiring of domestic and commercial ovens as well as cooking appliances. Ideal for use in electric heaters and for equipment wiring in iron mills, steel mills, glass plants and cement kilns.

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
- RoHS-3 Complies with European Directive 2015/863
- Passes 70,000 BTU/Hr and the 210,000 BTU/Hr industry standard flame tests

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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
C22280	22	7	16	7	0.075	8	450	5359
C22003	20	10	16	7	0.085	10	450	5359
C21815	18	16	16	7	0.095	12	450	5359
C21672	16	26	16	7	0.105	16	450	5359
C21413	14	41	16	7	0.125	23	450	5359
C21212	12	65	16	7	0.145	31	450	5359
C21011	10	105	20	15	0.195	52	450	5359
C20880	8	133	20	15	0.240	78	450	5359
C20680	6	133	20	15	0.280	115	450	5359
C20480	4	133	20	15	0.340	175	450	5359
C20280	2	133	20	20	0.425	260	450	5359
C20180	1	259	25	20	0.470	320	450	5359
C21T80	1/0	259	25	20	0.515	400	450	5359
C22T80	2/0	259	25	20	0.570	505	450	5359
C23T80	3/0	259	25	20	0.630	620	450	5359
C24T80	4/0	259	25	20	0.695	760	450	5359

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.
TBA stock codes are estimations only and actual product may vary. Please wait until a stock code is assigned to purchase connectors and/or fittings.

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
C22280	22	7	0.41	0.18	1.90	12	450	5359
C22003	20	10	0.41	0.18	2.16	15	450	5359
C21815	18	16	0.41	0.18	2.41	18	450	5359
C21672	16	26	0.41	0.18	2.67	24	450	5359
C21413	14	41	0.41	0.18	3.18	34	450	5359
C21212	12	65	0.41	0.18	3.68	46	450	5359
C21011	10	105	0.51	0.38	4.95	77	450	5359
C20880	8	133	0.51	0.38	6.10	116	450	5359
C20680	6	133	0.51	0.38	7.11	171	450	5359
C20480	4	133	0.51	0.38	8.64	260	450	5359
C20280	2	133	0.51	0.51	10.80	387	450	5359
C20180	1	259	0.64	0.51	11.94	476	450	5359
C21T80	1/0	259	0.64	0.51	13.08	595	450	5359
C22T80	2/0	259	0.64	0.51	14.48	752	450	5359
C23T80	3/0	259	0.64	0.51	16.00	923	450	5359
C24T80	4/0	259	0.64	0.51	17.65	1131	450	5359

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