

MG LITE 450°C 600V UL 5359

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

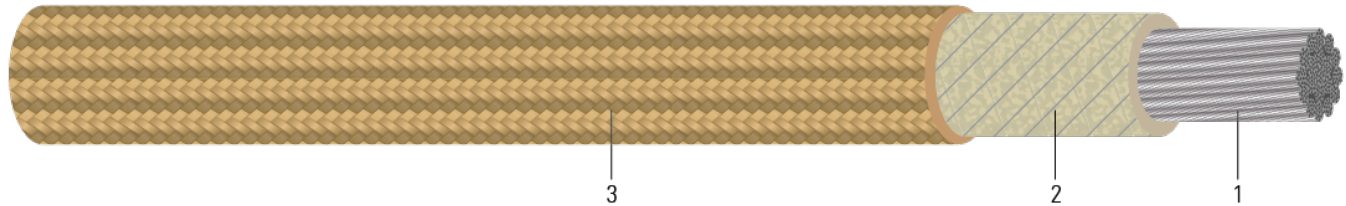


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

- Conductor:** flexible stranded 27% nickel plated, annealed copper
- Insulation:** Glass reinforced phlogopite mica tapes
- 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, 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

Table 1 – Weights and Measurements

Stock Number	Cond. Size AWG/Kcmil	Cond. Strands strand	Insul. Thickness mil	Braid mil	Approx. OD inch	Approx. Weight lb/1000ft	Temp. Rating °C	Standard (UL or other) Style/Type
C20180	1	259/.0177	25	20	0.470	320	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.

Table 2 – Weights and Measurements (Metric)

Stock Number	Cond. Size AWG/Kcmil	Cond. Strands strand	Insul. Thickness mm	Braid mm	Approx. OD mm	Approx. Weight kg/km	Temp. Rating °C	Standard (UL or other) Style/Type
C20180	1	259/.0177	0.64	0.51	11.94	476	450	5359

