# 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)

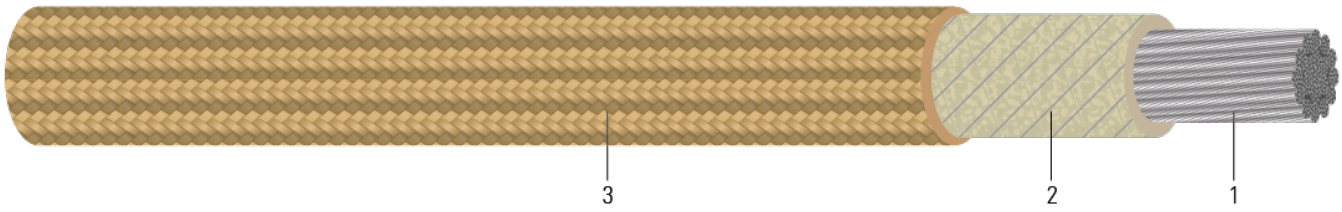



Image not to scale. See Table 1 for dimensions.

## 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

### 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 |
| C21T80 | 1/0 | 259 | 25 | 20 | 0.515 | 400 | 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 |
| C21T80 | 1/0 | 259 | 0.64 | 0.51 | 13.08 | 595 | 450 | 5359 |



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