

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

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             |
| C2083D       | 8          | 133/.0111     | 26               | 12    | 0.240      | 75             | 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             |
| C2083D       | 8          | 133/.0111     | 0.66             | 0.30  | 6.10       | 112            | 550          | 5424                   |