



MGG CABLES

Flexible High Temperature Cable, Temp Rating 450°C, 600V



Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Flexible stranded 27% nickel plated, annealed copper
2. **Insulation:** Phlogopite mica tape with fiberglass braid jacket
3. **Braid:** Fiberglass braid jacket
4. **Cabling:** Conductors are cabled with a left hand lay
5. **Jacket:** Fiberglass braid jacket is treated with a high temperature saturant

APPLICATIONS AND FEATURES:

Used in wiring equipment that will be exposed to high temperatures. Flexible.

Excellent flame resistance. Can withstand up to 2400°F short term. Also available in Power and Instrumentation Cables.

SPECIFICATIONS:

- UL 1277 Vertical Cable Tray Flame Tests (70,000 BTU/Hr)
- ICEA T-29-520 Flame Test (210,000 BTU/Hr)
- IEEE 383 Flame Test (70,000 btu)
- RoHS-3 Complies with European Directive 2015/863

Table 1 – Weights and Measurements

| Stock Number | Cond. Size AWG/Kcmil | Cond. Number No. | Approx. OD inch | Approx. Weight lb/1000ft | Temp. Rating °C | Standard (UL or other) Style/Type |
|--------------|-------------------------|---------------------|--------------------|-----------------------------|--------------------|--------------------------------------|
| C54205 | 16 | 3 | 0.310 | 57 | 450 | UL |

All dimensions are nominal and subject to normal manufacturing tolerances

◊ Cable marked with this symbol is a standard stock item

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 AWG/Kcmil | Cond. Number No. | Approx. OD mm | Approx. Weight kg/km | Temp. Rating °C | Standard (UL or other) Style/Type |
|--------------|-------------------------|---------------------|------------------|-------------------------|--------------------|--------------------------------------|
| C54205 | 16 | 3 | 7.87 | 85 | 450 | UL |

