



## MGT LEAD WIRE 450°C 600V

UL: 5107 / 5335 (Appliance Wire Material) 

CSA: AWM I A/B FT-1 

**PN: CA014DK601C-N000 Description: MGT 14(41)NC 600V 450C 5107 5335 NAT**

MG

1. Conductor: 27% Nickel Plated Copper
2. Insulation: Mica/Glass Tape
3. Braid: Fiberglass



### Product Design:

- 1) **Conductor:** Stranded 27% Nickel plated copper per ASTM B355
- 2) **Insulation:** Mica/Glass tape
- 3) **Braid:** Fiberglass braid finished with a PTFE dispersion
- 4) **Colors:** Stock colors - Natural (Tan)  
\*Other colors on request

### Standards/Specifications:

- ASTM B355 Standard: Nickel coated Soft or Annealed Copper
- RoHS-3 Compliant with European Directive 2015/863
- UL approved as appliance wire per table below
- CSA approved as appliance wire per table below
- Passes VW-1 Flame Test (UL Certified)
- Passes FT1 Flame Test (CSA Certified)
- Passes 70,000 and 210,000 BTU/Hr Industry flame tests
- Passes modified 210,000 BTU/Hr flame test and maintains circuit integrity for 90 minutes

### Applications:

Internal wiring of high temperature equipment. Can be used in appliances, electrical equipment, commercial cooking equipment that require a 450°C temperature rating. Also used in industrial applications such as steel mills and glass factories in areas with high ambient temperatures.

### Characteristics:

- Suitable for use in environments from -80°C to 450°C
- Excellent flame resistance
- Excellent high temperature resistance
- Produces minimal smoke
- Good chemical resistance

Part Number	AWG Size	Stranding (inches)	Insulation Wall (Inches)	OD (Inches)	Weight Lb/Kf
CA014DK601C-N000	14	41/.0100	0.027	0.140	22

UL Style/Type	CSA Style/Type	Bend Radius (Inches)	Voltage Rating	Temp Rating
5107 / 5335	AWM I A/B FT-1	1.12	600	450°C