# Flexible Hook-Up Wire/Appliance Wire Style 3173

125°C Dry. 600/1000 Volts. Flexible Stranded Copper Conductor. XLPE Insulation.

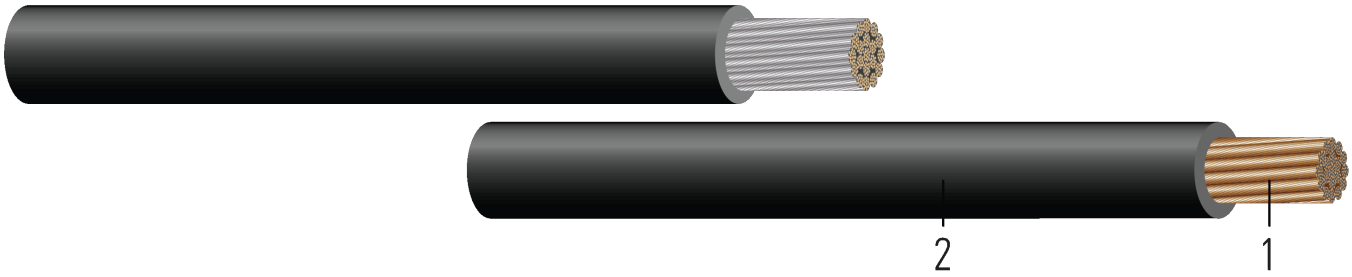



Image not to scale. See Table 1 for dimensions.

## CONSTRUCTION:

1. **Conductor:** Class K, stranded bare or tinned copper per ASTM B3 or B33 and B174
2. **Insulation:** Cross Linked Polyethylene (XLPE). All colors available; Stripes available upon request

## APPLICATIONS AND FEATURES:

Designed for use as internal wiring of electrical equipment, control panels, and appliances or for use as motor leads. Can be used as permitted by the National Electrical Code® Article 310 for sizes 14 - 10 AWG.

- AWM Style 3173: 125°C Dry, 600V
- AWM Style 3237: 105°C Dry, 1000V
- SIS: 90°C Dry, 14-10 AWG 600V
- CL1251: 125°C Dry, 600V
- AWM I A/B: 125°C Dry, 600V
- FT2 Rated - UL 758 and UL 2556 Horizontal Flame Test

## SPECIFICATIONS:

- ASTM B3 Soft or Annealed Copper Wire
- ASTM B33 Standard Specification for Tin-Coated Soft or Annealed Copper Wire
- ASTM B174 Standard Specification for Bunch-Stranded Copper
- UL 44 Thermoset-Insulated Wires and Cables
- UL 758 Standard for Appliance Wiring Material
- CSA C22.2 No. 127 Equipment and Lead Wires
- CSA C22.2 No. 210 Appliance Wiring Material Products


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UPDATED: Dec. 31, 2024, 11:08 p.m.UTC REVISION: 1.000.050

## SAMPLE PRINT LEGEND:

### 22 - 20 AWG:

22 AWG (0.324mm2) E57498 (RU) AWM 3173 125C 600V -- 156205 CSA CL1251 125C 600V OR AWM I A/B 125C 600V FT2 -- SUITABLE FOR "SWITCHBOARD WIRE" -- MADE IN USA

### 18 - 16 AWG:

16 AWG (1.31{mm2}) E57498 {RU} AWM 3173 125C 600V OR 3237 105C 1000V XLPE -- 156205 {CSA} CL1251 125C 600V OR AWM I A/B 125C 600V FT2 -- SUITABLE FOR "SWITCHBOARD WIRE" -- MADE IN USA

### 14 - 10 AWG:

14 AWG (2.08{mm2}) E30117 {UL} SIS 600V AND AWM 3173 600V OR 3237 1000V -- 156205 {CSA} CL1251 125C 600V OR AWM I A/B 125C 600V FT2 -- MADE IN USA


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## Table 1 – Physical and Electrical Data

| Stock Number | Cond. Size | Cond. Number | Cond. Strands | Cond. Metal | Diameter Over Cond. | Insul. Thickness | Approx. OD | Approx. Weight | DC Resistance @ 25°C | AC Resistance @ 75°C |
|---|---|---|---|---|---|---|---|---|---|---|
| | AWG | No. | strands | | inch | mil | inch | lb /1000ft | Ω /1000ft | Ω /1000ft |
| 3173 / 3237 / SIS / CL1251 | | | | | | | | | | |
| F12030 | 12 | 1 | 65 | Cu | 0.094 | 30 | 0.155 | 27 | 1.774 | 2.137 |

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.

Ampacity


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