

# Flexible Hook-Up Wire/Appliance Wire Style 3173 125°C Dry. 600/1000 Volts. Flexible Stranded Copper Conductor. XLPE Insulation.

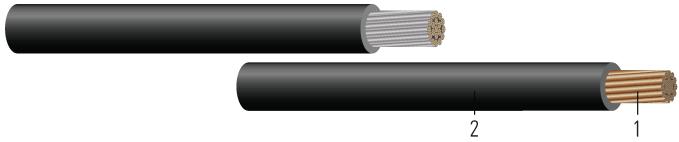


Image not to scale. See Table 1 for dimensions.

#### **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













#### **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













# 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

Ampacity











<sup>♦</sup> 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.