

## Flexible Hook-Up Wire/Appliance Wire Style 3173

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

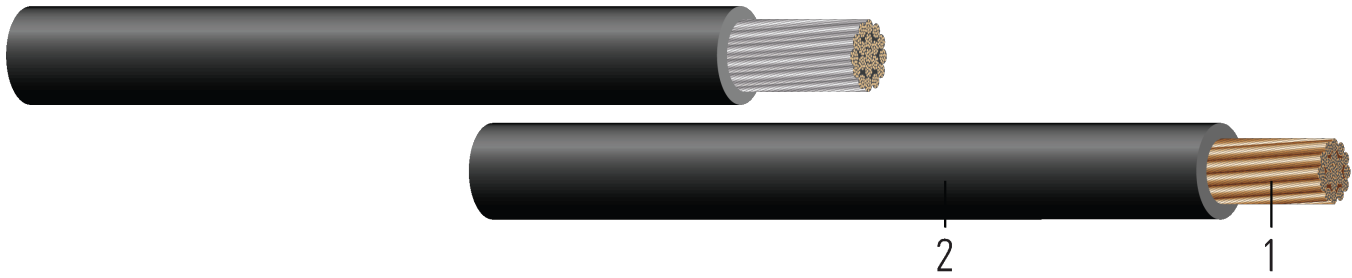


Image not to scale. See Table 1 for dimensions.

### 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 (0.324mm<sup>2</sup>) 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{mm<sup>2</sup>}) 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{mm<sup>2</sup>}) 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
<b>3173 / CL1251</b>										
F22030	22	0	7	TCu	0.028	30	0.090	5	16.400	16.890
F22052	22	1	7	Cu	0.028	30	0.090	5	16.400	16.890
F20046	20	1	10	TCu	0.037	30	0.103	7	11.319	13.638
F20043	20	1	10	Cu	0.037	30	0.103	7	11.319	13.638
<b>3173 / 3237 / CL1251</b>										
F18082	18	1	16	TCu	0.044	30	0.108	9	7.148	8.613
F18076	18	1	16	Cu	0.044	30	0.108	9	7.148	8.613
F16047	16	1	26	TCu	0.059	30	0.119	13	4.487	5.406
F16042	16	1	26	Cu	0.059	30	0.119	13	4.487	5.406
<b>3173 / 3237 / SIS / CL1251</b>										
F14047	14	1	41	TCu	0.073	30	0.133	19	2.814	3.391
F14044	14	1	41	Cu	0.073	30	0.136	19	2.814	3.391
F12032	12	1	65	TCu	0.094	30	0.155	27	1.774	2.137
F12030	12	1	65	Cu	0.094	30	0.155	27	1.774	2.137
F10018	10	1	105	TCu	0.125	30	0.170	39	1.081	1.302
F10016	10	1	105	Cu	0.125	30	0.170	39	1.081	1.302

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

