

FLEXIBLE TYPE SIS / APPLIANCE WIRE

90°C/125°C, 600/1000 Volts. Flexible Stranded Copper Conductor. XLPE Insulation.



Images not to scale and for reference only. See Table 1 for Dimensions

CONSTRUCTION:

Conductors: Flexible stranded bare copper; See Table 1 for Stranding Details

Insulation: Crosslinked Polyethylene (XLPE)

Colors: All Colors available; Stripes available upon request

APPLICATIONS AND FEATURES:

For use in internal wiring of electrical equipment, control panels, and appliances or for use as motor leads.

For use as permitted in NEC Article 310 for sizes 14 AWG - 4 AWG.

SPECIFICATIONS:

- ASTM B3
- UL 758 - Appliance Wire
 - AWM 3173 125°C / 3237 105°C; 18 - 10 AWG
 - AWM 3195 125°C / 3237 105°C; 8 AWG
 - AWM 3196 125°C / 3237 105°C; 6 - 4 AWG
 - AWM 3196 125°C; 2 AWG
- Voltage: 600V, AWM 3237 - 1000V
- UL 44 - Type SIS; 90°C; 14 - 4 AWG
- CSA C22.2 No. 127 - Type CL1251; 125°C
- CSA C22.2 No. 210 - AWM I A/B; 125°C

ADDITIONAL SPECIFICATIONS:

- Oil Resistant
- Gasoline and gasoline vapor resistant
- Suitable for switchboard wire
- RoHS-2 Compliant

SAMPLE PRINT LEGEND:

18 AWG (0.823mm²) E57498 (PLANT ID CODE) (AWM LOGO) 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

SAMPLE PRINT LEGEND:

14 AWG (2.08mm²) E30117 (PLANT ID CODE) (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

SAMPLE PRINT LEGEND:

8 AWG (8.37mm²) E30117 (PLANT ID CODE) (UL) SIS 600V AND AWM 3195 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 - WEIGHTS & MEASUREMENTS

Stock Code (Bare Cu)	Stock Code (Tinned Cu)	Cond. Size (AWG)	Stranding Information	Nominal Insulation Thickness (inches)	Nominal OD (inches)	Nominal Weight (Lbs/Mft)
Rated: AWM Styles 3173 & 3237; CSA CL1251 & AWM I A/B						
F18076	F18082	18	16	0.030	0.108	10
F16042	F16047	16	26	0.030	0.119	13
Rated: AWM Styles 3173 & 3237; UL SIS; CSA CL1251 & AWM I A/B						
F14044	F14047	14	41	0.030	0.136	18
F12030	F12032	12	65	0.030	0.155	28
F10016	F10054	10	105	0.030	0.170	40
Rated: AWM Styles 3195 & 3237; UL SIS; CSA CL1251 & AWM I A/B						
F08119	F08050	8	133	0.045	0.261	70
Rated: AWM Styles 3196 & 3237; UL SIS; CSA CL1251 & AWM I A/B						
F06159	F06078	6	133	0.060	0.338	116
TBD	F04029	4	133	0.060	0.392	175
Rated: AWM Styles 3196; CSA CL1251 & AWM I A/B						
TBD	F02058	2	133	0.060	0.471	276

All dimensions are nominal and subject to nominal manufacturing tolerances



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