

FLEXIBLE TYPE SIS or XHHW-2

90°C Wet or Dry, 600 Volts. Flexible Stranded Tinned Copper Conductor. XLPE Insulation.



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

CONSTRUCTION:

- Conductors:** Flexible stranded tinned copper; See Table 1 for Stranding Details
Insulation: Crosslinked Polyethylene (XLPE)
Colors: All Colors available; Stripes available on special order

APPLICATIONS AND FEATURES:

For use in internal wiring of electrical equipment, control panels, switchboards, and appliances or for use as motor leads. For use as permitted in NEC Article 310.

SPECIFICATIONS:

- ASTM B33
- UL 44 - Type SIS
- UL 44 - Type XHHW-2
- CSA C22.2 No. 38 - Type SIS
- CSA C22.2 No. 38 - Type RW90; 8 AWG and larger
- Voltage Rating: 600V

ADDITIONAL SPECIFICATIONS:

- Oil Resistant I/II
- Gasoline and gasoline vapor resistant I/II
- Sunlight Resistant
- Rated UL & CSA VW-1
- RoHS-2 Compliant

SAMPLE PRINT LEGEND:

14 AWG (2.08mm²) E30117 (PLANT ID CODE) (UL) XHHW-2 SR PR11 GR11 OR SIS 90C 600V VW-1 -- 156205 CSA SIS 90C 600V -40C FT1 FT2 VW-1

SAMPLE PRINT LEGEND:

8 AWG (8.37mm²) E30117 (PLANT ID CODE) (UL) XHHW-2 SR PR11 GR11 OR SIS 90C 600V VW-1 -- 156205 CSA RW90 90C DRY/90C WET 600V PRI -40C FT1 FT4 OR SIS 90C 600V -40C FT1 FT2 VW-1

SAMPLE PRINT LEGEND:

4/0 AWG (107mm²) E30117 (PLANT ID CODE) (UL) XHHW-2 SR PR11 GR11 OR SIS 90C 600V VW-1 -- 156205 CSA RW90 90C DRY/90C WET 600V PRI -40C FT1 FT4 OR SIS 90C 600V -40C FT1 FT2 VW-1



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FLEXIBLE TYPE SIS / APPLIANCE WIRE

TABLE 1 - WEIGHTS & MEASUREMENTS

Stock Code	Cond. Size (AWG/Kcmil)	Stranding Information	Nominal Insulation Thickness (inches)	Nominal OD (inches)	Nominal Weight (Lbs/Mft)
Rated: UL SIS, UL XHHW-2, CSA SIS					
F14453	14	41	0.030	0.127	17
F12218	12	65	0.030	0.154	26
18810	10	105	0.030	0.175	39
Rated: UL SIS, UL XHHW-2, CSA SIS, CSA RW90					
18808	8	133	0.045	0.246	70
18806	6	133	0.045	0.294	99
18804	4	133	0.045	0.326	157
18802	2	133	0.045	0.394	240
18821	1/0	1064	0.055	0.477	344
18822	2/0	1330	0.055	0.538	484
18823	3/0	1672	0.055	0.571	621
18824	4/0	2109	0.055	0.654	735

All dimensions are nominal and subject to nominal manufacturing tolerances



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