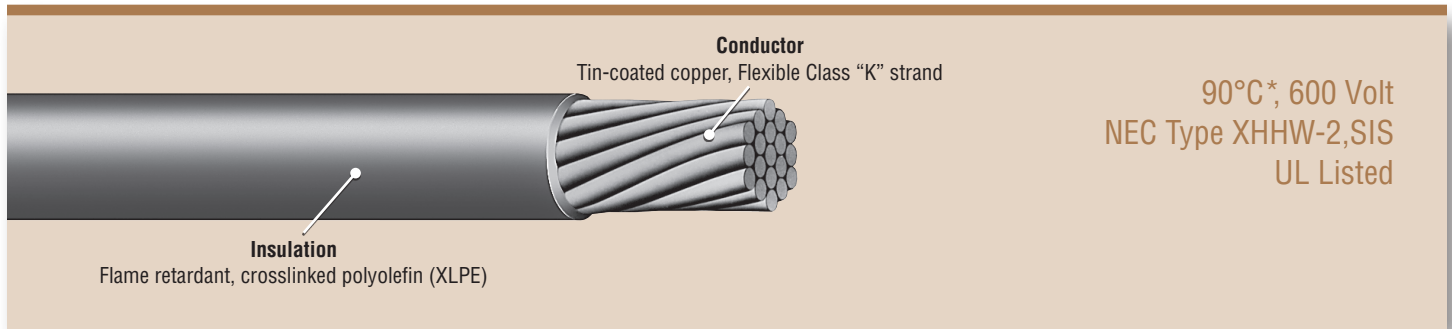


Rock-Tuff® XHHW-2/SIS

Industrial Power Cable

RSCC Industrial Cable
www.r-scc.com



Features

- Thermoset insulation for enhanced thermal stability
- Specially formulated insulation for superior long term water resistance
- Superior flame retardance
- Excellent mechanical properties
- Tin-coated copper conductors for improved terminations and corrosion resistance
- Reduced size and weight for increased raceway capacity
- Low friction surface for reduced pulling tension

Performance Standards

- Insulation in accordance with ICEA, UL, and CSA standards
- UL listed type XHHW-2 and SIS (UL 44) in accordance with NEC
- UL Listed VW-1
- UL Listed for sunlight resistance (Black Only) – sizes 250 kcmil and larger
- UL Listed for cable tray use (CT Use) in sizes 250 kcmil and larger
- UL approved 90°C for both wet and dry locations

Construction

Conductor: Annealed, tin-coated copper, Flexible Class “K” strand per ASTM B-174, B172, and B-33

Insulation: Flame retardant crosslinked polyethylene

Separator tape: Helically applied polyester (where required)

Color: Black (Also available in pigmented colors or colored stripes)

* Rated 90°C for normal operation in wet and dry locations, 130°C for emergency overload conditions, and 250°C for short circuit conditions.

Scope

Rock-Tuff® XHHW-2/SIS is a one conductor, unjacketed, power cable utilizing flexible Class K conductor. Its tough thermoset construction allows for its use in demanding applications without additional jacketing protection. It is intended for low voltage power and lighting functions and may be installed in trays, ducts and conduits.

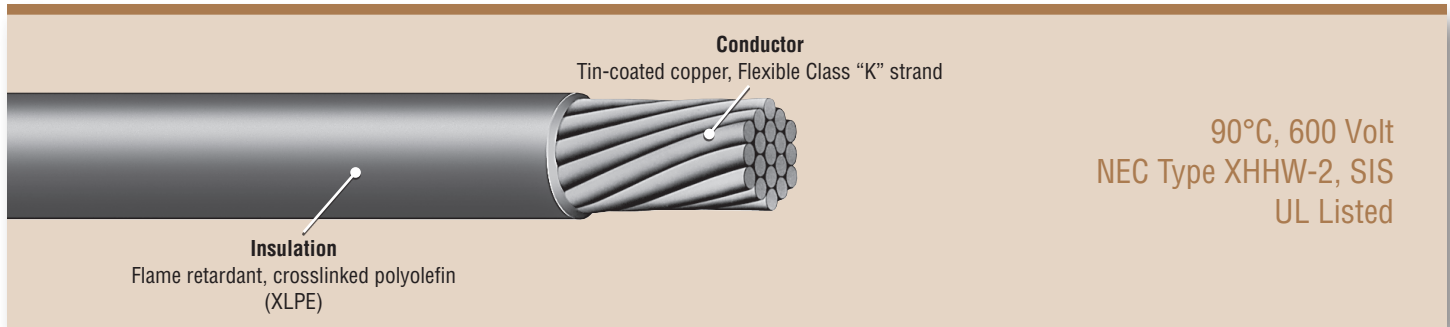


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Marmon Electrical
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Rock-Tuff® XHHW-2/SIS Industrial Power Cable



Conductor Size	Number of Strands	Conductor OD		Insulation Thickness		Nominal Overall Diameter		Approximate Net Weight (Lbs/M')	Ampacity*
		(Inch)	(mm)	(Inch)	(mm)	(Inch)	(mm)		
14 AWG	41	0.069	1.75	0.030	0.76	0.131	3.33	19	35
12 AWG	65	0.086	2.18	0.030	0.76	0.148	3.76	29	40
10 AWG	105	0.112	2.84	0.030	0.76	0.174	4.42	43	55
8 AWG	168	0.159	4.04	0.045	1.14	0.253	6.40	75	80
6 AWG	252	0.195	4.95	0.045	1.14	0.287	7.29	103	105
4 AWG	392	0.243	6.17	0.045	1.14	0.336	8.53	152	140
3 AWG	532	0.282	7.16	0.045	1.14	0.374	9.51	198	165
2 AWG	616	0.305	7.75	0.045	1.14	0.398	10.11	229	190
1 AWG	836	0.355	9.02	0.055	1.40	0.468	11.89	312	220
1/0 AWG	988	0.386	9.80	0.055	1.40	0.499	12.67	365	260
2/0 AWG	1235	0.432	10.97	0.055	1.40	0.545	13.84	447	300
3/0 AWG	1558	0.485	12.32	0.055	1.40	0.598	15.19	556	350
4/0 AWG	1995	0.549	13.94	0.055	1.40	0.662	16.81	703	405
250 kcmil	2356	0.597	15.16	0.065	1.65	0.730	18.55	837	455
350 kcmil	3256	0.702	17.83	0.065	1.65	0.835	21.22	1153	570
500 kcmil	4736	0.846	21.49	0.065	1.65	0.979	24.88	1650	700
646 kcmil	6466	0.955	24.25	0.080	2.03	1.119	28.42	2053	815
750 kcmil	6954	1.025	26.03	0.080	2.03	1.189	30.20	2406	885

* Ampacities are based on NEC NFPA 70 -2020 Table 310.17 at 30°C Ambient in Free Air.

NOTE: See NEC NFPA 70 -2020 Table 310.16 for Ampacities for not more than Three Current-Carrying Conductors in Raceway, Cable, or Earth (Direct Buried) at 30°C Ambient



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