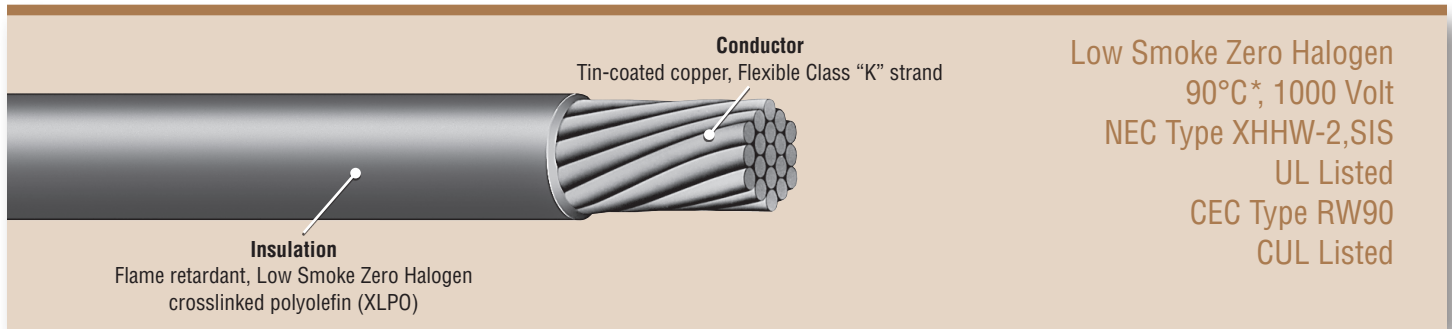


Rock-Tuff® ZHXF XHHW-2/SIS Industrial Power Cable

RSCC Industrial Cable
www.r-scc.com



Features

- Low Smoke Zero Halogen design
- RoHS compliant insulation
- 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
- Easy strippability
- 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
- CUL listed type RW90 (CSA 22.2 No. 38) in accordance with CEC
- Passes IEEE 1202/FT4 vertical tray flame test and ICEA 70,000 BTU/hr vertical tray flame test (T-30-520)
- Passes UL VW-1**
- Passes vertical flame test Type A as defined in ICEA S-95-658-1999 sec. 6.8.2
- UL and CUL listed Type ST1 (limited smoke) per UL 1685 and UL 2556
- UL Listed for sunlight resistance (Black Only)
- UL and CUL approved 90°C for both wet and dry locations
- UL and CUL Listed as gasoline and oil resistant

Construction

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

Insulation: Flame retardant low Smoke Zero Halogen crosslinked polyolefin

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.

** Sizes 10 AWG and larger.

Scope

Rock-Tuff® ZHXF 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.

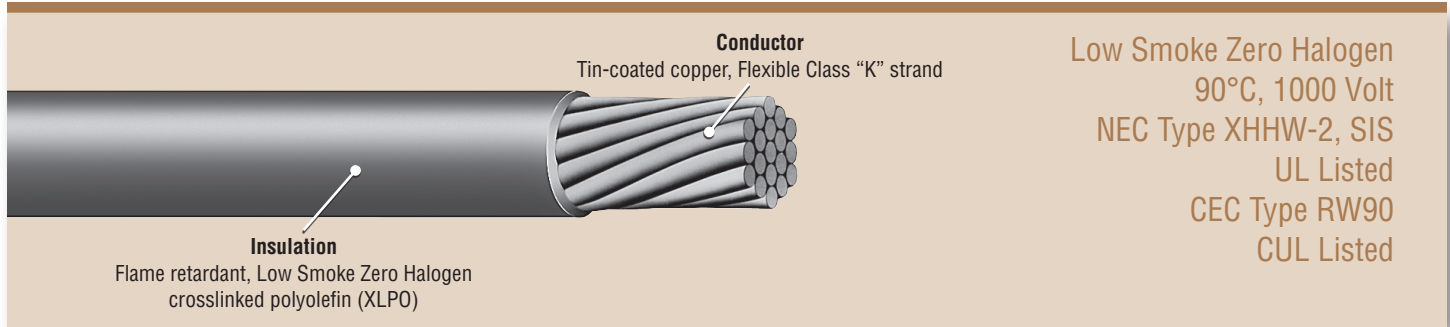


Made in the USA



Marmon Electrical
A Berkshire Hathaway Company

Rock-Tuff® ZHXF XHHW-2/SIS Industrial Power Cable



Product Code	Conductor Size	Number of Strands	Conductor OD		Insulation Thickness		Nominal Overall Diameter		Approximate Net Weight (Lbs/M')	Ampacity*
			(Inch)	(mm)	(Inch)	(mm)	(Inch)	(mm)		
RTZHXF-14-1KV	14 AWG	41	0.069	1.75	0.030	0.76	0.131	3.33	19	35
RTZHXF-12-1KV	12 AWG	65	0.086	2.18	0.030	0.76	0.148	3.76	29	40
RTZHXF-10-1KV	10 AWG	105	0.112	2.84	0.030	0.76	0.174	4.42	43	55
RTZHXF-8-1KV	8 AWG	168	0.159	4.04	0.045	1.14	0.253	6.40	75	80
RTZHXF-6-1KV	6 AWG	252	0.195	4.95	0.045	1.14	0.287	7.29	103	105
RTZHXF-4-1KV	4 AWG	392	0.243	6.17	0.045	1.14	0.336	8.53	152	140
RTZHXF-3-1KV	3 AWG	532	0.282	7.16	0.045	1.14	0.374	9.51	200	165
RTZHXF-2-1KV	2 AWG	616	0.305	7.75	0.045	1.14	0.398	10.11	229	190
RTZHXF-1-1KV	1 AWG	836	0.355	9.02	0.055	1.40	0.468	11.89	316	220
RTZHXF-1/0-1KV	1/0 AWG	988	0.386	9.80	0.055	1.40	0.499	12.67	369	260
RTZHXF-2/0-1KV	2/0 AWG	1235	0.432	10.97	0.055	1.40	0.545	13.84	452	300
RTZHXF-3/0-1KV	3/0 AWG	1558	0.485	12.32	0.055	1.40	0.598	15.19	561	350
RTZHXF-4/0-1KV	4/0 AWG	1995	0.549	13.94	0.055	1.40	0.662	16.81	709	405
RTZHXF-250-1KV	250 kcmil	2356	0.597	15.16	0.065	1.65	0.730	18.55	845	455
RTZHXF-350-1KV	350 kcmil	3256	0.702	17.83	0.065	1.65	0.835	21.22	1163	570
RTZHXF-500-1KV	500 kcmil	4736	0.846	21.49	0.065	1.65	0.979	24.88	1662	700
RTZHXF-646-1KV	646 kcmil	6466	0.955	24.25	0.080	2.03	1.119	28.42	2070	815
RTZHXF-750-1KV	750 kcmil	6954	1.025	26.03	0.080	2.03	1.189	30.20	2422	885

* Ampacities are based on NEC NFPA 70 -2017 Table 310.15(B)(17) at 30°C Ambient in Free Air.

NOTE: See NEC NFPA 70 -2017 Table 310.15(B)(16) for Ampacities for not more than Three Current-Carrying Conductors in Raceway, Cable, or Earth (Direct Buried) at 30°C Ambient



Made in the USA



Marmon Electrical
A Berkshire Hathaway Company