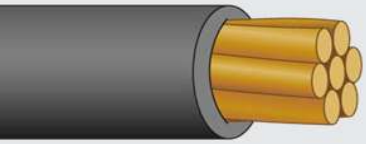
KRIS-TECH PRODUCT SPECIFICATIONS

XHHW-2



MADE IN U. S. A. | UL LISTED | RoHS COMPLIANT

APPLICABLE TESTS AND STANDARDS

- ✓ ASTM B-1, B-3, B-8, B-33 and B-174
- ✓ UL 44
- ✓ NEC NFPA 70, NEC 310, NEC 517.160
- ✓ FED SPEC A-A-59544

FEATURES

- ✓ 600V AND 1000V RATED (XHHW-2)
- ✓ -40°C TO 90°C MAX CONTINUING OPERATING TEMPERATURE IN WET LOCATIONS
- ✓ -40°C TO 105°C MAX CONTINUING OPERATING TEMPERATURE IN DRY LOCATIONS

PRINT LEGEND

- ✓ KRISTECH WIRE CO. #XX AWG (XX MM2) XLP TYPE XHHW-2 600V AND 1000V 90C (-40C) WET OR DRY UL

VALUE ADD SERVICE

- ✓ CUSTOM LENGTHS AND PUT-UPS
- ✓ 12 AVAILABLE COLORS
- ✓ WIRE PARALLELING AND CABLING
- ✓ WIRE STRIPING
- ✓ CUSTOM PRINT LEGENDS AND LABELS

SNAP FOR MORE INFORMATION

SCOPE

This single conductor building wire can be used in harsh environments, including wastewater treatment plants, cogeneration power plants, and pulp and paper due to the insulation's protective properties. It also works well in low voltage power and control applications, indoor and outdoor locations, raceways, aerial installs, and in underground ducts.

CONSTRUCTION

Conductors: Single conductors are available in solid or stranded, annealed or hardened configuration. Tin coated copper conductors are also available.

Insulation: Conductors are insulated with a concentrically applied XLPE (crosslinked polyethylene) that is FT2 flame and "Oil and Gasoline Resistant I" rated. Conductors are CT (FT4) rated in sizes #1/0 and larger. An optional VW-1 flame rating is available on request.

All black insulation is rated "Sunlight Resistant". All colored insulation is rated "Sunlight Resistant" in sizes #6 AWG and larger, and optional in sizes #8 AWG and smaller.

IDENTIFICATION AND PACKAGING

Print legends on the wire shall include the manufacturer, conductor size, voltage rating, UL symbol (if applicable) and type designation. Standard length spools are 500 or 2500 feet.

AWG/MCM	Standard Number of Strands	Optional Stranding***	Insulation Thickness (Mils)	Nominal Overall Diameter (Inches)	Approx. Shipping Weight (Lbs./1000')	Ampacity @ 90°C*
16**	1, 7	19	30	0.11 / 0.12	10 / 11	18
14	1, 7	19, 41	30	0.12 / 0.13	16 / 17	25
12	1, 7	19, 65	30	0.14 / 0.15	24 / 25	30
10	1, 7	19, 105	30	0.16 / 0.18	37 / 38	40
8	1, 7	19, 133	45	0.22 / 0.24	61 / 63	55
6	1, 7	19, 133	45	0.25 / 0.27	93 / 95	75
4	1, 7	19, 133	45	0.29 / 0.32	142 / 146	95
3	7	-	45	0.35	182	115
2	7	19, 133	45	0.38	226	130
1	19	133	55	0.44	288	145
1/0	19	133	55	0.48	357	170
2/0	19	37	55	0.53	447	195
3/0	19	37	55	0.58	556	225
4/0	19	37	55	0.64	696	260
250	37	-	65	0.71	829	290
300	37	-	65	0.76	987	320
350	37	61	65	0.81 / 0.82	1151 / 1148	350
400	37	-	65	0.90	1308	380
500	37	61	65	0.94 / 0.95	1654 / 1623	430
600	61	-	80	1.05	2006	475
750	61	-	80	1.15	2465	535

***Ampacity is from NEC Article 310. Check with local codes authority for guidance with your application.**
****Non-UL product.**
*****This stranding may require a Minimum Order Quantity, please contact Kris-Tech Sales for more information.**