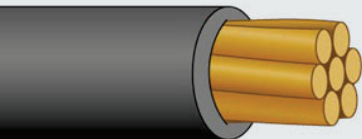


## XHHW-2/RW90



### APPLICABLE TESTS AND STANDARDS

- ✓ ASTM B-1, B-3, B-8, B-33, and B-174
- ✓ UL 44
- ✓ CSA C22.2 No. 38-10
- ✓ NEC NFPA 70, NEC 310, NEC 517.160
- ✓ FED SPEC A-A-59544

### FEATURES

- ✓ 600V AND 1000V RATED (XHHW-2)
- ✓ 600V RATED (RW90)
- ✓ -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

- ✓ KRIS-TECH WIRE CO. #XX AWG (XX MM2) XLP TYPE XHHW-2 600V AND 1000V OR RW90 600V 90C (-40C) WET OR DRY C(UL)US

### VALUE ADD SERVICE

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

### SCOPE

This single conductor building wire can be used in harsh environments, including wastewater treatment plants, cogeneration power plants, and the pulp and paper industry 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 and annealed or hardened configurations. 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. An optional VW-1 flame rating is available on request. CT (FT4) rating in sizes #1/0 and larger is also 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 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
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

\*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.



**SNAP FOR MORE INFORMATION**