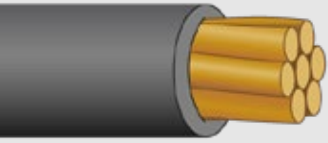


# XHHW-2 / RW90



## APPLICABLE STANDARDS AND TESTS

- ✓ ASTM B-1, B-3, B-33, B-8, B-174, and ASTM 150
- ✓ UL 44 and UL83
- ✓ CSA C22.2 No.38-10
- ✓ NEC NFPA 70, NEC 310, NEC 517.160
- ✓ Fed Spec J-C-30B

## PRINT WHEEL

- 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 stripping
- ✓ Custom print legends and labels

## SCOPE

Single conductor, Type XHHW-2 for use at 600 and 1000 volts or RW90 for use at 600 volts or less RoHS compliant. It is rated for a maximum continuous operating temperature between -40°C and 90°C in wet and 105°C in dry locations. Dielectric constant, 3.5 or less.

## CONSTRUCTION

**Conductors:** Single bare copper conductors as solid or stranded, annealed or hard, tinned, or coated copper per UL and ASTM requirements.

**Insulation:** Concentrically applied XLP (Cross-Linked Polyethylene) is FT2, flame retardant, "Oil and Gasoline Resistant II", and VW-1 rated. All black insulation is rated "Sunlight Resistant". All colors and CT rated in 1/0 and larger sizes are available upon request.

## IDENTIFICATION AND PACKAGING

The wire shall be identified by surface marking indicating the manufacturer, conductor size, voltage rating, UL symbol, and type designation.

Standard length spools have 500 or 2500 feet. Custom lengths, AWG, and custom packaging are available by request.

AWG	Standard Number of Threads	Extra Flexible Stranding	Insulation Thickness Mils	Nominal Overall Diameter – Inches (standard strands)	Approx. Shipping Wgt. 600/2KV (Lbs./Mft.)
14	Solid or 7	19,41	30	0.13" / 0.14"	21
12	Solid or 7	19,65	30	0.15" / 0.16"	27
10	Solid or 7	19,105	30	0.17" / 0.18"	40
8	Solid or 7	19,133	45	0.24" / 0.25"	66
6	Solid or 7	19,133	45	0.28" / 0.30"	100
4	Solid or 7	19,133	45	0.32" / 0.34"	153
2	7	19,133	45	0.38"	237
1	19	133	55	0.44"	301
1/0	19	133	55	0.48"	375
2/0	19	37	55	0.53"	465
3/0	19	37	55	0.58"	580
4/0	19	37	55	0.64"	720

MCM	Standard Number of Strands	Insulation Thickness Mils	Nominal Overall Diameter – Inches	Approx. Shipping Weight (Lbs./Mft.)
250	37	65	0.71"	1020
300	37	65	0.76"	1235
350	37	65	0.82"	1300
400	37	65	0.90"	1480
500	37, 61	65	0.95"	1867
600	61	80	1.06"	2250
750	61	80	1.16"	2752



**SNAP FOR MORE INFORMATION**

Spec: XHHW-2 / RW90  
 Issued: 10/03/2023  
 Supersedes:  
 09/11/2023