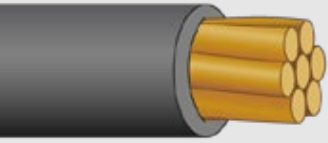


XHHW-2 / RW90



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 A-A-59544

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 (crosslinked polyethylene) is FT2, flame retardant, and "Oil and Gasoline Resistant I" rated. VW-1 flame rated available on request. All black insulation is rated "Sunlight Resistant". All colored insulation "Sunlight Resistant" rated in sizes #6 AWG and larger. CT (FT4) rated in sizes #1/0 and larger available by request. Colored insulation "Sunlight Resistant" rated in sizes #8 AWG and smaller available by 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 Strands	Extra Flexible Stranding**	Insulation Thickness Mils	Nominal Overall Diameter – Inches (standard strands)	Approx. Shipping Wgt. (Std. Strands) (Lbs./Mft.)
14	Solid or 7	19,41	30	0.12" / 0.13"	16 / 17
12	Solid or 7	19,65	30	0.14" / 0.15"	24 / 25
10	Solid or 7	19,105	30	0.16" / 0.18"	37 / 38
8	Solid or 7	19,133	45	0.22" / 0.24"	61 / 63
6	Solid or 7	19,133	45	0.25" / 0.27"	93 / 95
4	Solid or 7	19,133	45	0.29" / 0.32"	142 / 146
2	7	19,133	45	0.38"	226
1	19	133	55	0.44"	288
1/0	19	133	55	0.48"	357
2/0	19	37	55	0.53"	447
3/0	19	37	55	0.58"	556
4/0	19	37	55	0.64"	696

**This stranding may require a Minimum Order Quantity, please contact Kris-Tech Sales for more information.

MCM	Standard Number of Strands	Insulation Thickness Mils	Nominal Overall Diameter – Inches (Standard Strands)	Approx. Shipping Weight (Lbs./Mft.)
250	37	65	0.71"	829
300	37	65	0.76"	987
350	37,61	65	0.81" / 0.82"	1151 / 1148
400	37	65	0.90"	1308
500	37,61	65	0.94" / 0.95"	1654 / 1623



SNAP FOR MORE INFORMATION