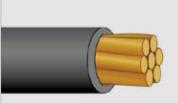


XHHW-2/RW90









APPLICABLE STANDARDS AND TESTS

- ✓ ASTM 8-1, 8-3, 8-33, 8-8, 8-174, 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 ordry 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

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.) |
|-----|-------------------------------|-------------------------------|---------------------------------|--|---|
| 16* | Solid or 7 | 19 | 30 | 0.11" / 0.12" | 10 / 11 |
| 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 |

*Non-UL product

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

| мсм | 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 |

Spec: XHHW-2 / RW90 Issued: 09/19/2024 Supersedes: 09/16/2024