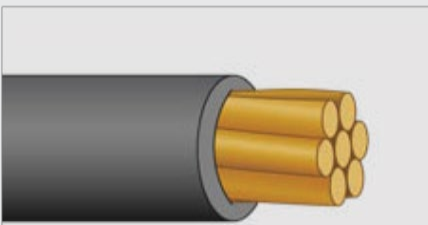


RHW-2 / USE-2 (XLPE) & RHW-2 2KV



APPLICABLE STANDARDS AND TESTS

- ✓ ASTM 8-1, 8-3, 8-33, 8-8, and 8-174
- ✓ UL 44 and UL83
- ✓ Fed Spec /-C-308, L-824-C, ASTM 150
- ✓ ICEA S-95-658/NEMA WC70

PRINT WHEEL

- ✓ Kris-Tech Wire Co. XX AWG type XLP RHW-2 600V and 1000V or USE-2 600V (UL) RoHS

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 RHW-2 for use at 600 and 1000 volts or less and USE-2 for use at 600 volts or less and RHW-2 2KV for use at 2000 (2kv) volts or less. RoHS compliant. Approved for Direct Burial and rated for a maximum continuous operating temperature between -40°C and 90°C in wet and 105°C in dry locations.

CONSTRUCTION

Conductors: Single copper conductors are solid or stranded, annealed or hard, coated or uncoated copper per UL and ASTM requirements.

Insulation: XLP (crosslinked polyethylene) is FT2, flame retardant, and "Oil and Gasoline Resistant I" rated. All black insulation is rated "Sunlight Resistant". All colored insulation is "Sunlight Resistant" rated in sizes #6 AWG and larger. VW-1 and 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, non-standard colors, AWG, and custom packaging are available by request.

AWG	Standard Number of Strands	Extra Flexible Stranding**	Insulation Thickness 600V/2KV Mils	Nominal Overall Diameter 600V/2KV – Inches (standard strands)	Approx. Shipping Wgt. 600/2KV (Lbs./Mft.)
14	Solid or 7	19,41	45 / 60	0.16-0.17 / 0.19-0.20	21 / 25
12	Solid or 7	19,65	45 / 60	0.18-0.19 / 0.21-0.22	30 / 33
10	Solid or 7	19,105	45 / 60	0.20-0.21 / 0.23-0.24	44 / 49
8	Solid or 7	19,133	60 / 70	0.25-0.27 / 0.27-0.28	70 / 74
6	Solid or 7	19,133	60 / 70	0.28-0.30 / 0.31-0.32	106 / 111
4	7	19,133	60 / 70	0.35 / 0.36	161 / 166
2	7	19,133	60 / 70	0.41 / 0.42	246 / 252
1	19	133	80 / 90	0.49 / 0.50	318 / 325
1/0	19	133	80 / 90	0.53 / 0.54	393 / 400
2/0	19	37	80 / 90	0.58 / 0.60	484 / 492
3/0	19	37	80 / 90	0.63 / 0.65	601 / 610
4/0	19	37	80 / 90	0.69 / 0.71	743 / 753

**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	Approx. Shipping Weight (Lbs./Mft.)
250	37	95	0.77"	1054
300	37	95	0.82"	1272
350	37	95	0.88"	1340
400	37	95	0.96"	1524
500	37	95	1.01"	1913

Spec: RHW-2 / USE-2 (XLPE) & RHW-2 2KV
 Issued: 10/02/2024
 Supersedes: 09/16/2024



SNAP FOR MORE INFORMATION