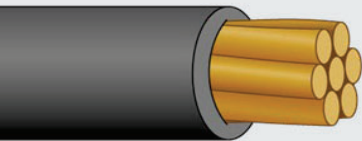


## RHW-2/USE-2



### APPLICABLE TESTS AND STANDARDS

- ✓ ASTM B-1, B-3, B-8, B-33 and B-174
- ✓ UL 44
- ✓ FAA AC 150/5345-7F
- ✓ ICEA S-95-658/NEMA WC70

### FEATURES

- ✓ 600V, 100V AND 2000V RATED (RHW-2)
- ✓ -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 XLPE TYPE RHW-2 600V AND 1000V OR USE-2 600V (UL) ROHS
- ✓ KRIS-TECH WIRE CO. #XX AWG XLPE TYPE RHW-2 2000V (UL) ROHS

### VALUE ADD SERVICE

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

### SCOPE

RHW-2 is a single-conductor power and control cable with XLPE insulation. This wire is primarily used in direct burial and aerial installations, chemical plants, raceways, ducts, and industrial applications. It also excels in wet or dry locations, indoors or outdoors, underground ducts, or lashed to a messenger for aerial installation.

### CONSTRUCTION

**Conductors:** Single conductors are available in solid or stranded, annealed or hardened configuration. 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 shall 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 600V/2KV (Mils)	Nominal Overall Diameter (Inches)	Approx. Shipping Weight 600V/2KV (Lbs/1000')	Ampacity @ 90°C*
14	1, 7	19, 41	45 / 60	0.17 / 0.20	21 / 25	25
12	1, 7	19, 65	45 / 60	0.19 / 0.22	30 / 33	30
10	1, 7	19, 105	45 / 60	0.21 / 0.24	44 / 49	40
8	1, 7	19, 133	60 / 70	0.27 / 0.28	70 / 74	55
6	1, 7	19, 133	60 / 70	0.30 / 0.32	106 / 111	75
4	7	19, 133	60 / 70	0.35 / 0.36	161 / 166	95
2	7	19, 133	60 / 70	0.41 / 0.42	246 / 252	130
1	19	133	80 / 90	0.49 / 0.50	318 / 325	145
1/0	19	133	80 / 90	0.53 / 0.54	393 / 400	170
2/0	19	37	80 / 90	0.58 / 0.60	484 / 492	195
3/0	19	37	80 / 90	0.63 / 0.65	601 / 610	225
4/0	19	37	80 / 90	0.69 / 0.71	743 / 753	260
250	37	-	95	0.77	1054	290
300	37	-	95	0.82	1272	320
350	37	-	95	0.88	1340	350
400	37	-	95	0.96	1524	380
500	37	-	95	1.01	1913	430

\*Ampacity is from NEC Article 310. Check with local codes authority for guidance with your application.

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



**SNAP FOR MORE INFORMATION**