

# SINGLE CONDUCTOR



- ▶ **XHHW-2**
- ▶ **XLP**
- ▶ **VW-1**
- ▶ **600V**

## PRODUCT CONSTRUCTION

**Conductor:** Single copper conductor, stranded.

**Insulation:** Resistant to moisture, heat and flame.

**Jacket:** Chemically cross-linked polyethylene. Temperature rating 90°C in wet and dry locations. All sizes pass the vertical flame test (VW-1). Colors available.

## APPLICATIONS

Suitable for general purpose wiring, power distribution and branch circuit wiring where a cable with superior flame retardance is required. Also suitable for use in low leakage circuits requiring a dielectric constant of 3.5 or less (hospital grade).

## COMPLIANCES

ASTM B3, ASTM B8 (concentric lay stranded), ASTM B787

UL 44, ICEA S-95-658/NEMA WC70

Federal spec A-A-59544, 90°C wet/dry

CT use 1/0 and larger

IEEE 1202/FT4

Gasoline and oil resistant II

C(UL)US RW90:CSA/UL listed

Sunlight resistant (#14-#8: black only)

-40°C rated, suitable for use in 105°C dry system

RoHS compliant

USAWC Part #	Size (AWG or MCM)	Strand (No.)	Insulation Thickness (Mils)	Nominal Diameter Overall (Inches)	Approx. Net Wt. (lbs./1000 ft.)	Ampacity* 90°C Wet/Dry
USA14-01XLPVW1	14	7	30	.133	18	35 <sup>†</sup>
USA12-01XLPVW1	12	7	30	.152	27	40 <sup>†</sup>
USA10-01XLPVW1	10	7	30	.176	40	55 <sup>†</sup>
USA8-01XLPVW1	8	7	45	.236	66	80
USA6-01XLPVW1	6	7	45	.274	99	105
USA4-01XLPVW1	4	7	45	.322	152	140
USA3-01XLPVW1	3	7	45	.350	187	165
USA2-01XLPVW1	2	7	45	.382	233	190
USA1-01XLPVW1	1	19	55	.431	293	220
USA1/0-01XLPVW1	1/0	19	55	.470	364	260
USA2/0-01XLPVW1	2/0	19	55	.514	457	300
USA3/0-01XLPVW1	3/0	19	55	.564	570	350
USA4/0-01XLPVW1	4/0	19	55	.620	710	405
USA250-01XLPVW1	250	37	65	.705	848	455
USA300-01XLPVW1	300	37	65	.759	1007	500
USA350-01XLPVW1	350	37	65	.811	1170	570
USA400-01XLPVW1	400	37	65	.858	1327	615
USA500-01XLPVW1	500	37	65	.943	1648	700
USA600-01XLPVW1	600	61	80	1.053	1991	780
USA750-01XLPVW1	750	61	80	1.158	2469	885

\*Per NEC Table 310-17.

<sup>†</sup>Overcurrent protection shall not exceed 15 amps for 14 AWG, 20 amps for 12 AWG and 30 amps for 10 AWG per NEC 310-17 footnote.

NOTE: The data shown is approximate and subject to standard industry tolerances.