

# Viper<sup>®</sup> Flexible Hook-Up Wire /Appliance Wire - Styles 3311/3279

UL Listed, CSA Rated



Image not to scale. See table 1 for dimensions

Southwire<sup>®</sup> Viper<sup>®</sup> Flexible Hook-Up Wire/Appliance Wire Styles 3311/3279 90°C Dry. 600 Volts. Flexible Stranded Copper Conductor. EPDM Insulation.

## CONSTRUCTION

**Conductors** Flexible stranded bare copper per ASTM B3

**Separator** Mylar Tape

**Insulation** Ethylene Propylene Diene Monomer (EPDM). All colors available; Stripes available upon request

## APPLICATIONS AND FEATURES

Designed for use as internal wiring of electrical equipment and appliances or for use as leads of a transformer or motor.

- **AWM Style 3311:** 90°C Dry
- **AWM Style 3279:** 105°C Dry
- **AWM Style 3699:** 105°C Dry
- **CL905:** 90°C Dry

## SPECIFICATIONS

**ASTM B3** Soft or Annealed Copper Wire

**ASTM B172** Standard Specification for Rope-Lay-Stranded Copper Conductors Having Bunch-Stranded Copper Conductors

**ASTM B173** Rope-Lay-Stranded Copper Conductors Having Concentric-Stranded Members

**UL 758** Standard for Appliance Wiring Material

**CSA C22.2** No. 127 Equipment and Lead Wires



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**SAMPLE PRINT LEGEND: (AWG Sizes)**

CAMERON XX AWG (XXmm<sup>2</sup>) E57498 {RU} AWM 3311 90°C OR 3279 105°C 600V VW-1 -- 156205 CSA CL905 90°C 600V ...RoHS-3 (EU) 2015/863 COMPLIANT...MADE IN USA

**SAMPLE PRINT LEGEND: (Kcmil Sizes)**

CAMERON XX Kcmil (XXmm<sup>2</sup>) E57498 {RU} AWM 3311 90°C OR 3699 105°C 600V VW-1 RoHS-3 (EU) 2015/863 COMPLIANT ... MADE IN USA

**Table 1 - Physical Data**

Cond. Size	Strand	Diameter Over Conductor	Insul. Thickness	Approx. OD	Approx. Weight	DC Resistance @ 25°C	AC Resistance @ 25°C
AWG or kcmil	No.	Inch	Mil	Inch	Lb/1000ft	Ω/1000ft	Ω/1000ft
<b>AWM 3311/3279</b>							
8	133	0.162	80	0.334	96	0.701	0.869
6	266	0.180	80	0.372	137	0.450	0.558
4	420	0.230	80	0.425	198	0.283	0.351
2	665	0.300	80	0.490	287	0.180	0.223
1	833	0.330	95	0.561	364	0.143	0.177
1/0	1064	0.368	95	0.615	457	0.113	0.140
2/0	1330	0.410	95	0.664	559	0.090	0.112
3/0	1672	0.481	95	0.719	662	0.072	0.071
4/0	2109	0.520	95	0.785	842	0.057	0.071
<b>AWM 3311/3699</b>							
250	2451	0.570	95	0.806	955	0.048	0.059
350	3458	0.670	95	0.886	1259	0.035	0.043

Note: All dimensions are nominal and subject to normal manufacturing variances

\* Actual shipping weight may vary

All dimensions are nominal and subject to normal manufacturing tolerances

All thicknesses are minimum average values

