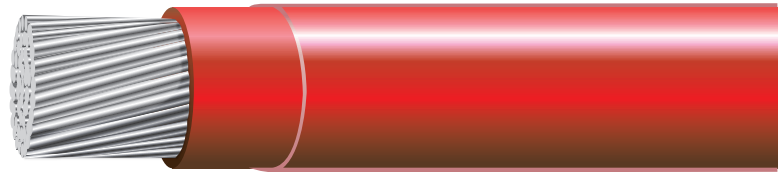


# THHN/THWN-2

Aluminum (AA-8000) Conductor  
SLiPWire™ Self-Lubricating Polymer Vinylon® PVC/Nylon,  
8 AWG – 1000 MCM



### ADDITIONAL FEATURES

Sequential footage markings — 1 AWG and larger  
Max Print® for easy ID  
Gasoline and Oil Resistant II  
Appliance Wire: 90°C Dry, Rated THHN/THWN-2 90°C Dry or Wet

### APPLICATIONS

600 volt building wire for use in commercial and industrial applications as specified in the NEC®. 8-1 AWG is marked VW-1. 1/0 – 1000 MCM rated for CT use; 8 AWG-1000 MCM in black; rated sunlight-resistant. Pulling lube is not required with SLP™ (self-lubricating polymer).

### CONDUCTORS

Stranded AA-8000 series aluminum per ASTM-B800, ASTM-B801, and ASTM-B836

### INSULATION

Color-coded, heat and moisture resistant PVC (polyvinyl chloride)

### SLIP-JACKET™

NYLON (POLYAMIDE), COLOR-CODED SLIPWIRE™ THHN IS SELF-LUBRICATED WITH CERROWIRE'S SLP-JACKET™ (SELF-LUBRICATING POLYMER) TECHNOLOGY. PRINTED WITH TRUE SEQUENTIAL FOOTAGE™

### INDUSTRY STANDARDS\*

UL 83: File No. E15119  
AWM: File No. E11829  
RoHS Compliant  
ASTM: B800, B801, B836  
WC70/ICEA S-95-658  
Federal Specification A-A-59544  
NFPA70: National Electrical Code®

Cerrowire LLC self certifies that these products, in stranded constructions, satisfy the product safety requirements identified by the European Low Voltage Directives 2006/95/EC.

### SURFACE PRINT

Sample: CERROWIRE VINYLON-A 250 KCMIL (127mm<sup>2</sup>) (UL) AA-8000 AL THHN/THWN-2/AWM GR II CT SR 600V c(UL) TWN75/T90 NYLON

\* It is the sole responsibility of the end user to determine suitability of this product for its intended end use and application



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Product Code Number	Conductors		Covering		Approx. O.D. Inches	Allowable Ampacities*			Approx. Net Wt. Lbs./M Ft.	Standard Packaging
	Size (AWG)	Number of Strands	PVC Ins. Mils	Nylon Jkt. Mils		60°C **	75°C ***	90°C ****		
512-40xx	8	7	30	5	0.204	30	40	45	27	500' 1000' 2500' 5000' reels
512-42xx	6	7	30	5	0.239	40	50	55	38	500' 1000' 2500' 5000' reels
512-44xx	4	7	40	6	0.305	55	65	75	63	500' 1000' 5000' reels
512-45xx	3	7	40	6	0.330	65	75	85	75	5000' reels
512-46xx	2	7	40	6	0.360	75	90	100	91	500' 1000' 5000' reels
512-47xx	1	8	50	7	0.413	85	100	115	119	500' 1000' 2500' 5000' 15,000' reels
512-50xx	1/0	10	50	7	0.450	100	120	135	144	500' 1000' 2500' 5000' 9,000' 12,000' reels
512-52xx	2/0	12	50	7	0.490	115	135	150	174	500' 1000' 2500' 5000' 8,000' 14,000' reels
512-54xx	3/0	16	50	7	0.537	130	155	175	212	500' 1000' 2500' 5000' 11,000' reels
512-56xx	4/0	19	50	7	0.589	150	180	205	261	500' 1000' 2500' 5000' 9000' reels
512-60xx	250	23	60	8	0.656	170	205	230	311	500' 1000' 2500' 5000' reels
512-64xx	300	22	60	8	0.706	190	230	260	370	500' 1000' 2500' 4500' reels
512-68xx	350	37	60	8	0.750	210	250	280	418	500' 1000' 2500' 5000' reels
512-72xx	400	37	60	8	0.795	225	270	305	470	500' 1000' 2000' 4000' reels
512-80xx	500	37	60	8	0.872	260	310	350	578	500' 1000' 2000' 2500' 4000' reels
512-84xx	600	61	70	9	0.971	285	340	385	705	500' 1000' 2000' reels
512-88xx	750	61	70	9	1.066	320	385	435	863	500' 1000' 1500' reels
512-89xx	900	61	70	9	1.157	355	425	480	1019	500' 1000' 1500' reels
512-94xx	1000	61	70	9	1.217	375	445	500	1124	500' 1000' 1500' reels

Available Colors: Black, White, Red, Blue, Green, Orange, Yellow, Brown, Purple and Gray (most colors available on all - call warehouse for details)

\* Allowable ampacity shown above is per the National Electrical Code®. The above data is approximate and subject to normal manufacturing tolerances.