

THHN/THWN-2 Vinylon® PVC/Nylon 8 AWG—750 MCM

- 90°C Dry or Wet/600 Volts
- Gasoline and Oil Resistant II
- Machine Tool Wire: 90°C Dry
- Appliance Wire: 105°C Dry
- Rated THHN/THWN-2: 90°C Dry or Wet

- **No pulling lube required**
- Sequential footage markings —1 AWG and larger
- Max Print® for easy ID

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—750 MCM rated for CT use
- 8 AWG —750 MCM in black; Rated sunlight resistant
- Pulling lube is not required. Jacketed with SLP™ (Self-Lubricating Polymer).

CONDUCTORS

- Uncoated copper per ASTM-B3, ASTM-B787 (6 AWG-500 MCM) & ASTM-B8 (600 MCM-750 MCM)

INSULATION

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

SLP-JACKET™

- Using Cerro Wire's SLP-Jacket™ (Self-Lubricating Polymer) Technology, Cerro Wire SLPWire™ THHN is self lubricated.
- Nylon (polyamide), color coded

INDUSTRY STANDARDS

- UL 83: File No. E15119
- UL 1063 (MTW): File No. E85964
- AWM: File No. E11829
- Canadian Standard C22.2 No. 75 and CSA Bulletin No. 1451
- ASTM: B3, B8, B787
- WC70/ICEA S-95-658
- Federal Specification A-A-59544
- NFPA70: National Electrical Code®

SURFACE PRINT

- Sample: CERRO WIRE VINYLON -A 350 KCMIL (UL) MTW OR THWN-2 OR THHN OR GASOLINE AND OIL RESISTANT II OR AWM FOR CT USE SUNLIGHT RESISTANT 600V—C(UL) TWN75 OR T90 NYLON

Product Code	Conductors		Covering		Approx O.D. Inches	Allowable Ampacities*			Approx Net Wt. lbs./m ft.
	AWG Size	No. of Strands	PVC Ins. Mils.	Nylon Jkt. Mils.		60°C **	75°C ***	90°C ****	
112-40XX	8	19	30	5	0.217	40	50	55	63
112-42XX	6	19	30	5	0.253	55	65	75	96
112-44XX	4	19	40	6	0.322	70	85	95	153
112-45XX	3	19	40	6	0.350	85	100	110	190
112-46XX	2	19	50	7	0.380	95	115	130	233
112-47XX	1	19	50	7	0.440	110	130	150	299
112-50XX	1/0	19	50	7	0.480	125	150	170	371
112-52XX	2/0	19	50	7	0.524	145	175	195	459
112-54XX	3/0	19	50	7	0.575	165	200	225	571
112-56XX	4/0	19	50	7	0.630	195	230	260	710
112-60XX	250	37	60	8	0.700	215	255	290	848
112-64XX	300	37	60	8	0.750	240	285	320	1006
112-68XX	350	37	60	8	0.802	260	310	350	1166
112-72XX	400	37	60	8	0.847	280	335	380	1324
112-80XX	500	37	60	8	0.930	320	380	430	1640
112-84XX	600	61	70	9	1.030	355	420	475	1988
112-88XX	750	61	70	9	1.136	400	475	535	2459

XX Color Add Code (see chart)

* Per Table 310-16 NEC®

** For termination to equipment for circuits rated 100 amperes or less, or marked for size 14 through 1 AWG conductors. Also for MTW used in wet locations or exposed to oil or coolant.

*** For termination to equipment for circuits rated over 100 amperes or marked for conductors larger than 1 AWG. Also for THWN-2 exposed to oil or coolant and MTW in dry locations.

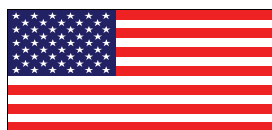
**** For THHN used in dry locations and THWN-2 used in wet or dry locations. For ampacity derating purposes.

Color availability:

- 8 AWG & 6 AWG are available in black, white, red, blue, green, orange, yellow, brown, purple and gray.
- 4 AWG through 600 MCM are available in black, white, red, blue, green, orange, yellow, brown and gray.
- 750 MCM is available in black and in white, red, blue, green, orange, yellow, brown and gray by special order only.
- Color add code is as follows: black—01, white—02, red—03, blue—04, green—05, orange—06, yellow—07, brown—08, purple—09 and gray—10.

Cerro Wire LLC

1099 Thompson Road, SE
Hartselle, AL 35640
Phone 800.523.3869 | Fax 877.877.9563
www.cerrowire.com



Made in USA



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