

Circuit Sized THHN/THWN-2



Vynylon® PVC/Nylon

90°C Dry or Wet

600 volts

Gasoline and oil resistant

APPLICATIONS

600-volt building wire for use in commercial and industrial applications as specified in the NEC®, including machine-tool and appliance wiring. Marked VW-1.

CONDUCTORS

Solid conductors: Uncoated copper per ASTM-B3.
Stranded conductors: Uncoated copper per ASTM-B3, ASTM-B787

INSULATION

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

JACKET

Nylon (polyamide), clear

INDUSTRY STANDARDS*

UL 83: File No. E15119
UL 1063 (MTW): File No. E85964
AWM: File No. E11829
Canada Standard C22.2 No. 75 and CSA Bulletin No. 1451
ASTM Standards: B3, B8, B787
WC70/ICEA S-95-658
Federal Specification A-A-59544
NFPA-70: National Electrical Code®

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

SURFACE PRINT

Sample: CERROWIRE VINYLON-A 14 AWG (2.08mm²) (UL) THHN-2 or THWN or MTW or AWM GR2 VW-1 600V - C(UL) TWN75 or T90 NYLON



MADE IN THE USA

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

Circuit Sized THHN/THWN-2

Vinylon® PVC/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 ****	
112-1401xxx	14	Solid	15	4	0.104	15	15	15	15
112-1601xxx	12	Solid	15	4	0.120	20	20	20	23
112-1801xxx	10	Solid	20	4	0.151	30	30	30	37
112-3401xxx	14	19	15	4	0.110	15	15	15	16
112-3601xxx	12	19	15	4	0.130	20	20	20	24
112-3801xxx	10	19	20	4	0.165	30	30	30	39

* Per Table 310.15 (B) (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-2 used in dry locations and THWN-2 used in wet or dry locations. For ampacity derating purposes.

Colors available (Product Code 7th and 8th Digits)

AWG Size	Black 01	White 02	Red 03	Blue 04	Green 05	Orange 06	Yellow 07	Brown 08	Purple 09	Grey 10	Pink 11
14 Solid	X	X	X	X	X	X	X	X	X	X	X
12 Solid	X	X	X	X	X	X	X	X	X	X	X
10 Solid	X	X	X	X	X	X	X	X	X	X	X
14 Strand	X	X	X	X	X	X	X	X	X	X	X
12 Strand	X	X	X	X	X	X	X	X	X	X	X
10 Strand	X	X	X	X	X	X	X	X	X	X	X

Packages Available (Product Code 9th Digit)

Package Code	J	M
Size	500' (SPOOL)	2,500' (REEL)
14, 12 Solid & Strand	X	X
10 Solid & Strand	X	X