

Circuit Sized THHN/THWN-2

Vinylon® PVC/Nylon



APPLICATION

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
c(UL) Standard C22 No. 75
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

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

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



MADE IN THE USA

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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 ****		
112-14xxx	14	Solid	15	4	0.104	15	20+	25+	15	500' (Spool), 2,500' (Reel)
112-16xxx	12	Solid	15	4	0.120	20	25+	30+	23	500' (Spool), 2,500' (Reel)
112-18xxx	10	Solid	20	4	0.151	30	35+	40+	37	500' (Spool), 2,500' (Reel)
112-34xxx	14	19	15	4	0.110	15	20	25	16	500' (Spool), 2,500' (Reel)
112-36xxx	12	19	15	4	0.130	20	25	30	24	500' (Spool), 2,500' (Reel)
112-38xxx	10	19	20	4	0.165	30	35	40	39	500' (Spool), 2,500' (Reel)

* See Table 310.15 (B) (16) NEC® for ampacities for derating purposes.

** 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 and for THWN in wet locations.

**** For THHN used in dry locations.

+ Per 240(D) NEC® overcurrent protection for 14, 12 and 10 awg conductors not to exceed 15, 20 and 30 amps respectively.

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	Tan 18
14 Solid	X	X	X	X	X	X	X	X	X	X	X	X
12 Solid	X	X	X	X	X	X	X	X	X	X	X	X
10 Solid	X	X	X	X	X	X	X	X	X	X	X	X
14 Strand	X	X	X	X	X	X	X	X	X	X	X	X
12 Strand	X	X	X	X	X	X	X	X	X	X	X	X
10 Strand	X	X	X	X	X	X	X	X	X	X	X	X