

THHN/THWN Vinylon® PVC/Nylon 14 AWG — 10 AWG

JOB NAME: NVA KIRKMAN VETERINARY GROUP.
38 S KIRKMAN RD., ORLANDO, FL 32811.

- 90°C Dry—75°C Wet/600 Volts
- Gasoline and Oil Resistant II
- Machine Tool Wire (Stranded): 90°C Dry
- Appliance Wire: 105°C Dry
- 14 AWG—10 AWG rated THHN/THWN: 90°C Dry, 75°C Wet

APPLICATIONS

- 600 volt building wire for use in commercial and industrial applications as specified in the NEC®
- 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
- 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 14 AWG (2.08 mm 2) (UL) THHN or THWN OR MTW OR AWM GR2 VW-1 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 ****	
112-14XX	14	SOL	15	4	0.104	15	15	15	15
112-16XX	12	SOL	15	4	0.120	20	20	20	23
112-18XX	10	SOL	20	4	0.151	30	30	30	37
112-34XX	14	19	15	4	0.110	15	15	15	16
112-36XX	12	19	15	4	0.130	20	20	20	24
112-38XX	10	19	20	4	0.165	30	30	30	39

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 Available (Product Code 6th and 7th 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

Package Code	J	J	J	K	M	P	10	13	15	18
Size	500' spool 1000' ctn	500' spool 2000' ctn	500' reel	1000' reel	2500' reel	5000' reel	10000' reel	13000' reel	15000' reel	18000' reel
14, 12 Solid & Strand		X			X					
10 Solid & Strand	X				X					

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LISTED

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