

THHN/THWN-2

Striped Neutrals Vinylon® PVC/Nylon,
14 AWG – 8 AWG



90°C Wet or Dry

600 volts

ADDITIONAL FEATURES

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

APPLICATIONS

600 volt building wire for use in commercial and industrial applications as specified in the NEC®. Marked VW-I. Neutrals with color coding stripes

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 on 14 AWG-10 AWG colors. Nylon on 8 AWG color-coded

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: B3, B8, B787
WC70/ICEA S-95-658
Federal Specification A-A-59544
NFPA-70: National Electrical Code®

SURFACE PRINT

Sample (Solid): CERRO VINYLON-A 14 AWG (2,08mm²) (UL) THHN OR THWN-2 OR AWM
GR II VW-I 600V c(UL) TWN75 OR T90 NYLON

Sample (Stranded): CERRO VINYLON-A 14 AWG (2,08mm²) (UL) THHN OR THWN-2 OR MTW
OR AWM GR II VW-I 600V c(UL) TWN75 OR T90 NYLON



MADE IN THE USA

©2012, Cerro Wire LLC
All Rights Reserved

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

cerrowire

Electrical Distribution Division: 800.523.3869 | FAX 877.877.9563
www.cerrowire.com

A Marmon Group/
Berkshire Hathaway Company

THHN/THWN-2

Vinylon® PVC/Nylon, 14 AWG – 8 AWG

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 ****	
12	SOL	15	4	0.120	20	20	20	23
10	SOL	20	4	0.151	30	30	30	37
14	19	15	4	0.110	15	15	15	16
12	19	15	4	0.130	20	20	20	24
10	19	20	4	0.165	30	30	30	39
8	19	30	5	0.217	40	50	55	63

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

Size	White with Green Stripe	White with Black Stripe	White with Red Stripe	White with Blue Stripe	White with Orange Stripe	White with Yellow Stripe	White with Brown Stripe	Green with Yellow Stripe	Gray with Yellow Stripe	Gray with Orange Stripe	Gray with Brown Stripe
14 Strand	112-3452S							112-3475S			
14 Solid	112-1452S										
12 Strand		112-3612S	112-3632S	112-3642S	112-3662S	112-3672S	112-3682S ₂	112-3675S	112-3670S	112-3660S	112-3680S
12 Solid	112-1652S	112-1612S	112-1632S	112-1642S	112-1662S	112-1672S	112-1682S	112-1675S			
10 Strand	112-3852S	112-3812S	112-3832S	112-3842S	112-3862S	112-3872S	112-3882S	112-3875S	112-3870S ₃	112-3860S ₃	112-3880S ₃
10 Solid	112-1852S	112-1812S	112-1832S	112-1842S				112-1875S			
8 Strand								112-4075X ₁			

All products available in 500 ft. spools and 2,500 ft. reels unless otherwise noted. (9th character in the part number is the package code)

¹ Available as a special cut reel.

² Available only as a 500 ft. spool (Package Code J).

³ Available only on a 2,500 ft. reel (Package Code M).