

THHN/THWN



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

90°C Dry / 75°C Wet

600 Volts

ADDITIONAL FEATURES

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

APPLICATIONS

600 volt building wire for use in commercial and industrial applications as specified in the NEC®. Marked VW-1. 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: CERRO WIRE VINYLON-A 14 AWG (UL) MTW or THWN-2 or THHN or GASOLINE AND OIL RESISTANT II or AWM 600V-C(UL) TWN75 or T90 NYLON VW-1

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MADE IN THE USA

cerrowire®

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A Marmon Wire & Cable/
Berkshire Hathaway Company

THHN/THWN

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 ****	
14	SOL	15	4	0.104	15	15	15	15
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 310-16 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.

	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	112-3452SX							112-3475SX			
14 SOLID	112-1452SX										
12 STRAND	112-3652SX	112-3612SX	112-3632SX	112-3642SX	112-3662SX	112-3672SX	112-3682SX	112-3675SX	112-3670SX	112-3660SX	112-3680SX
12 SOLID	112-1652SX	112-1612SX	112-1632SX	112-1642SX	112-1662SX	112-1672SX	112-1682SX	112-1675SX			
10 STRAND	112-3852SX	112-3812SX	112-3832SX	112-3842SX	112-3862SX	112-3872SX	112-3882SX	112-3875SX			
10 SOLID	112-1852SX	112-1812SX	112-1832SX	112-1842SX	112-1862SX	112-1872SX	112-1882SX	112-1875SX		112-3860SX	
8 STRAND								112-4075SX ¹			

All products available in 500 ft. spools and 2,500 ft. reels except for 8 strand.

The last character in the part number is the package code: J = 500' spool, M = 2,500' reel

¹ Available only as a special cut reel.