

THHN/THWN

Vinylon® PVC/Nylon

14 AWG — 10 AWG

- 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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Made in USA



LISTED

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