cerrowire®

TFFN
Vinylon® PVC/Nylon

Fixture, machine tool, or appliance wiring material

90°C insulation

600 volts

APPLICATIONS

For use in fixture wire, machine tool wire, or as appliance wiring material as specified in the National Electrical Code®. When used as TFFN it may be used at temperatures not to exceed 90°C in dry locations. When used as MTW it may be used at temperatures not to exceed 60°C in wet locations or when exposed to oil or coolant. May be used at temperatures up to 90°C in dry locations (ampacity limited to that of a 75°C conductor temperature per NFPA 79). When used as AWM, conductor temperatures are not to exceed 105°C in dry locations. Gasoline and oil-resistant II for flexing service.

CONDUCTORS

Uncoated soft copper per ASTM-B3 and ASTM-B174

INSULATION

Color-coded, heat and moisture resistant PVC (polyvinyl chloride)

JACKET

Clear nylon (polyamide)

INDUSTRY STANDARDS*

UL 66 – Fixture Wire, File No. E113087
UL 1063 – Machine Tool Wire, File No. E85964
ASTM-B3
ASTM-B174
NFPA70: National Electrical Code®
RoHS Compliant

Cerro Wire LLC self certifies that these products satisfy the product safety requirements identified by the European Low Voltage Directive 2006/95/EC.

SURFACE PRINT

Sample: CERROWIRE VINYLON-A 18 AWG Flexing (UL) TFFN OR MTW OR AWM GR2 600V

UL LISTED

MADE IN THE USA

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

cerrowire®

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A Marmon Group/
Berkshire Hathaway Company

REV-08/2013

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Product Code Number	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.		TFFN *	MTW **	
113-10xxx	18	16	15	4	0.088	6	7	8
113-12xxx	16	26	15	4	0.098	8	10	11

Color add code (See 1st chart below)

Package add code (See 2nd chart below)

* TFFN Per Table 402.5 OF NFPA70, NEC® 2011 edition

** MTW Per NFPA79

Colors 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	Gray 10	Pink 11
18 Stranded	X	X	X	X	X	X	X	X	X	X	X
16 Stranded	X	X	X	X	X	X	X	X	X	X	X

Package Code (8th Digit)	J	M
AWG Size	500' Spool/ 2,000' CTN.	2,500' Reel
18 Stranded	X	X
16 Stranded	X	X