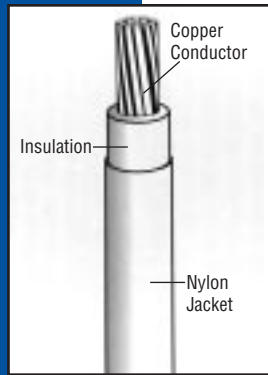


## APPLICATIONS

- For use as fixture wire, machine tool wire, or as appliance wiring material as specified in the National Electric 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.



# TFFN

## VINYLON® PVC/Nylon

90° C Dry /600 Volts  
Gasoline and Oil Resistant II  
for Flexing Service  
Machine Tool Wire - 90° C  
Appliance Wire - 105° C



Made in the USA

## CONDUCTORS

- Soft, uncoated copper per ASTM B-3 and ASTM B-174

## INSULATION

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

## JACKET

- Clear nylon (polyamide)

## INDUSTRY STANDARDS

- UL 62 - Fixture Wire
- UL 1063 - Machine Tool Wire
- ASTM B-3
- ASTM B-174
- National Electric Code

## SURFACE PRINT

- Sample: CERRO WIRE VINYLON-A 18 AWG FLEXING (UL) MTW OR TFFN OR GASOLINE AND OIL RESISTANT II 600V OR AWM

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	
113-10XX	18	16	15	4	88	6	7	8
113-12XX	16	26	15	4	98	8	10	11

XX= Color Add Code (see chart below)

\* TFFN per table 402-5 of NFPA 70, NEC 2002 Edition  
MTW per NFPA 79

### COLOR AVAILABLE (PRODUCT CODE 6TH & 7TH DIGITS)

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	J	M
AWG SIZE	500' spool	2500' reel
18 Stranded	X	
16 Stranded	X	* X <sup>1</sup>

\* 18-500' reels are stocked in Black, White, Red, Yellow and Blue Only.

16-500' reels are stocked in Black, White, Red, Blue, Green, Orange, Yellow, Brown, and Purple.

<sup>1</sup> 2500' not available in Orange, Yellow, Brown and Purple.