

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

TFFN

Vinylon® PVC/Nylon

APPLICATIONS

- For use as 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

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
- NFPA70: National Electrical 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. Mils.	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 NFPA70, NEC® 2005 Edition

** MTW Per NFPA79

Color Available (Product Code 6th and 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 2000' ctn	2500' reel
18 Stranded	X ¹	
16 Stranded	X ¹	X ²

1 18 500' reels are stocked in black, white, red, yellow, green, orange, brown, purple, gray, pink and blue

16 500' reels are stocked in black, white, red, blue, green, orange, yellow, brown, purple, gray and pink

2 2500' reels not available in orange, yellow, brown, purple, gray and pink