

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 62 – Fixture Wire
UL 1063 – Machine Tool Wire
ASTM-B3
ASTM-B174
NFPA70: National Electrical Code®
RoHS Compliant

SURFACE PRINT

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

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MADE IN THE USA

cerrowire

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A Marmon Wire & Cable/
Berkshire Hathaway Company

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PRODUCT CODE NUMBER	CONDUCTORS		COVERING		APPROX. O.D. INCHES	ALLOWABLE AMPACITIES*		APPROX. NET WT. LBS./M FT.	UPC CODES
	AWG SIZE	NO. OF STRANDS	PVC INS. MILS.	NYLON JKT. MILS.		TFFN *	MTW **		
113-1001J	18	16	15	4	88	6	7	8	048243226009
113-1002J	18	16	15	4	88	6	7	8	048243226108
113-1003J	18	16	15	4	88	6	7	8	048243226207
113-1004J	18	16	15	4	88	6	7	8	048243226306
113-1005J	18	16	15	4	88	6	7	8	048243226405
113-1006J	18	16	15	4	88	6	7	8	048243226450
113-1007J	18	16	15	4	88	6	7	8	048243226351
113-1008J	18	16	15	4	88	6	7	8	048243226504
113-1009J	18	16	15	4	88	6	7	8	048243226559
113-1010J	18	16	15	4	88	6	7	8	048243226603
113-1011J	18	16	15	4	88	6	7	8	048243226658
113-1201J	16	26	15	4	98	8	10	11	048243227006
113-1201M	16	26	15	4	98	8	10	11	048243227020
113-1202J	16	26	15	4	98	8	10	11	048243227105
113-1202M	16	26	15	4	98	8	10	11	048243227129
113-1203J	16	26	15	4	98	8	10	11	048243227204
113-1203M	16	26	15	4	98	8	10	11	048243227228
113-1204J	16	26	15	4	98	8	10	11	048243227303
113-1204M	16	26	15	4	98	8	10	11	048243227327
113-1205J	16	26	15	4	98	8	10	11	048243227402
113-1205M	16	26	15	4	98	8	10	11	048243227426
113-1206J	16	26	15	4	98	8	10	11	048243227457
113-1207J	16	26	15	4	98	8	10	11	048243227358
113-1208J	16	26	15	4	98	8	10	11	048243227501
113-1209J	16	26	15	4	98	8	10	11	048243227556
113-1210J	16	26	15	4	98	8	10	11	048243227600
113-1211J	16	26	15	4	98	8	10	11	048243227655

XX Color Add Code (see chart)

* TFFN Per Table 402.5 OF NFPA70, NEC® 2005 edition

** MTW Per NFPA79

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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

- 1 18 500' reels are stocked in black, white, red, blue, green, orange, yellow, brown, purple, gray, and pink.
16 500' reels are stocked in black, white, red, blue, green, orange, yellow, brown, purple, gray, and pink.
- 2 2,500' reels not available in orange, yellow, brown, purple, gray and pink.

PACKAGE CODE	J	M
AWG SIZE	500' SPOOL/ 2,000' CTN.	2,500' REEL
18 STRANDED	X ¹	
16 STRANDED	X ¹	X ¹

- 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.