

TFFN

Fixture, Machine Tool, or Appliance Wiring Material

600V
90°C Insulation



Description:

May be used as fixture wire, machine tool wire, or as appliance wiring material when installed as specified by the National Electrical Code® (NEC) and other applicable standards. When used as Type TFFN, conductor is rated for use up to 90°C. When used as Type MTW, conductor is rated for use up to 90°C in dry locations and up to 60°C for wet locations or when exposed to oil or coolant. When used as AWM, conductor is rated for use up to 105°C in dry locations.

Insulated conductor is rated for gasoline and oil-resistant II and for flexing service.

Materials:

Stranded conductors: Uncoated copper per ASTM B3, ASTM B8 and ASTM B174.

Insulated conductors: Color-coded, heat and moisture resistant PVC with a clear nylon jacket.

Standards:

UL 66: E113087
UL 1063: E85964
AWM: E11829
ASTM B3
ASTM B8
ASTM B174
NFPA 70 (National Electrical Code®)
NFPA 79 (Electrical Standard for Industrial Machinery)

Surface Print:

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

Conductor Size (AWG)	Stranding	Approx. Overall Dimensions (in)	Allowable Ampacities				Net Weight (Lbs/MFt)
			TFFN	MTW			
			90°C*	60°C**	75°C**	90°C**	
18	16	0.088	6	7	7	14	8
16	26	0.098	8	10	10	18	11

* TFFN ampacities are determined from NEC® Table 402.5

** MTW ampacities are determined from NFPA 79 Table 12.5.1

Data are approximate and subject to normal manufacturing tolerances.

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

Available colors:

- Black
- White
- Red
- Orange
- Yellow
- Green
- Blue
- Purple
- Brown
- Grey
- Pink

Stripes also available

Features:

