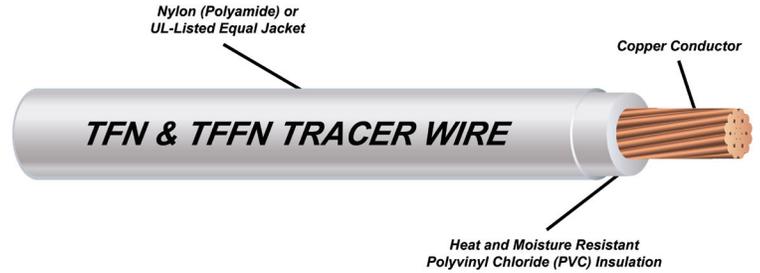


TFN / TFFN

Tracer Wire

600 Volts • Copper Conductor • Dead Soft Annealed Thermoplastic Insulation • Nylon Sheath
Heat, Moisture, Gasoline, and Oil Resistant
UNS C10200 • Oxygen Free Copper • UL Approved



DESCRIPTION

TFN or TFFN Tracer Wire is primarily used in low voltage applications up to 600 volts for locating buried gas, water, sewer, electric and telephone lines in commercial, industrial or residential applications. When used as type **TFN or TFFN**, conductor is suitable for use in dry locations at temperatures not to exceed 90°C. Voltage rating for **TFN or TFFN** applications is 600 volts.

STANDARDS & REFERENCES

Pro-Line Type TFN or TFFN Tracer Wire meets or exceeds all applicable ASTM specifications, UL Standard 66 and requirements of the National Electrical Code.

CONSTRUCTION

Conductor

- **TFN or TFFN Tracer Wire** is composed of a dead soft annealed copper conductor. Copper conductors utilize a UNS C10200 grade copper that is oxygen free and is drawn down from copper rod.

Insulation

- The insulation material is a tough heat and moisture resistant polyvinyl chloride (PVC), over which a nylon (polyamide) or UL-Listed equal jacket is applied. Available in black, white, red, blue, green, yellow, brown, orange, and gray.

Print

Insulation print applied to the insulation surface to repeat at a minimum interval of every foot. Ink color will include black ink for yellow, blue, green, red, orange and green insulation, and white ink for black insulation.

TFN or TFFN Tracer Wire (Weights, Measurements and Packaging)

PRODUCT PART NO.	CONDUCTOR		THICKNESS (mils)		NOMINAL O.D. (mils)	APPROX. WEIGHT PER 1,000 FT (lbs)		STANDARD PACKAGES
	SIZE (AWG)	NUMBER OF STRANDS	INSULATION (PVC)	JACKET (NYLON)		COPPER WEIGHT	PRODUCT WEIGHT	
TFN (SOLID)								
70401XXXX	18 AWG	SOLID	15 MIL	4 MIL	78	4.900	7.0	11, 20
70402XXXX	16 AWG	SOLID	15 MIL	4 MIL	89	7.809	10.5	11, 20
TFFN (STRANDED)								
70501XXXX	18 AWG	16-STRAND	15 MIL	4 MIL	85	4.989	7.0	11, 20
70502XXXX	16 AWG	26-STRAND	15 MIL	4 MIL	99	8.027	11.0	11, 20

COLOR LEGEND	
BLACK	01XX
BLUE	02XX
GREEN	05XX
ORANGE	06XX
PURPLE	08XX
RED	09XX
WHITE	11XX
YELLOW	12XX

STANDARD PACKAGING	
500' SPOOL**	XX11
2500' SPOOL**	XX20
CUSTOM PACKAGING	
1000' SPOOL***	XX14
GO-GREEN PACKAGING	
500' COIL**	XX40
*Available on wood reels upon request **Subject to economic order qty.	

RECOMMENDED TRACER WIRE SPECIFICATIONS

Tracer wire shall be UL Listed, Type TFN (or "TFFN"), gasoline and oil resistant, and suitable for operations at 600 volts as specified in the National Electric Code. Conductor size shall be a 16 AWG solid copper conductor (or "16 AWG 26-Strand copper conductor"). Conductor shall be annealed copper, insulated with high-heat and moisture resistant PVC, jacketed with abrasion, moisture, gasoline, and oil resistant nylon or listed equivalent. Tracer wire shall be manufactured on 500' non-returnable plastic spools. Tracer wire shall be Pro-Line Safety Products Company.



PRO-LINE SAFETY PRODUCTS COMPANY
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