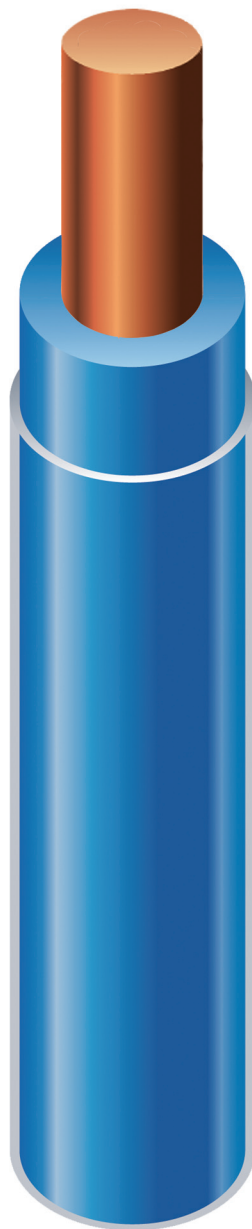


Copper Tracer Wire • 600 Volts • Oxygen Free Copper Conductor • Dead Soft Annealed Polyvinyl Chloride Insulation (PVC) • Nylon Sheath • Heat, Moisture, Gasoline, and Oil Resistant
All Solid Sizes Rated THHN, THWN and AWM • All Stranded Sizes Rated THHN, THWN, MTW and AWM
Sizes 14 through 6 AWG Rated VW-1 • RoHS Compliant and Made in the USA



Applications and Information

- Pro-Line **Type THHN or THWN** conductors are used for tracer wire applications not exceeding 600 Volts. Tracer wire is used to conductively locate buried utility lines for the gas, water, sewer, telecommunication, and electrical markets.
- When used as **Type THHN**, conductor is suitable for use in dry locations at temperatures not to exceed 90°C. When used as **Type THWN**, conductor is suitable for use in wet or dry locations at temperatures not to exceed 90°C or not to exceed 75°C when exposed to oil or coolant.
- When used as **Type MTW**, conductor is suitable for use in wet locations or when exposed to oil or coolant at temperatures not to exceed 60°C or dry locations at temperatures not to exceed 90°C (with ampacity limited to that for 75°C conductor temperature per NFPA 79). When used as **Type AWM**, conductor temperatures not to exceed 105°C in dry locations.
- Tracer wire is RoHS Compliant and manufactured in the USA.

Standards and References

Pro-Line **Type THHN or THWN or MTW (also AWM)** meets or exceeds all applicable ASTM specifications, UL Standard 83, UL Standard 1063 (MTW), Federal Specification A-A-59544, and requirements of the National Electrical Code.

Construction

- Pro-Line Type THHN or THWN or MTW copper conductors are annealed copper (soft drawn), insulated with a tough heat and moisture resistant polyvinyl chloride (PVC), over which a nylon (polyamide) jacket is applied.
- Available in black, blue, brown, gray, green, orange, pink, purple, red, white, and yellow. Some colors standard, some subject to economic order quantity.

Specifications

TYPE CU THHN TRACER WIRE

Tracer wire shall be a (14, 12 or 10 AWG SOLID THHN) copper conductor with a polyvinyl chloride (PVC) insulation, over which a nylon (polyamide) jacket is applied and rated for 600 volts. Insulation and jacket shall be RoHS compliant and utilize virgin grade material. Insulation color shall meet the APWA color code standard for identification of buried utilities. Tracer wire shall be **Pro-Line Safety Products** or approved equal and made in the USA.

THHN Tracer Wire (Weights, Measurements, and Packaging)

WEIGHTS, MEASUREMENTS AND PACKAGING								
PRODUCT PART NO.	CONDUCTOR		INSULATION THICKNESS (PVC)	JACKET THICKNESS (NYLON)	NOMINAL O.D. (inches)	APPROX. WEIGHT PER 1,000 FT (lbs)		STANDARD PACKAGES
	SIZE (AWG)	STRANDING				COPPER WEIGHT/MFT	PRODUCT WEIGHT/MFT	
THHN (SOLID) TRACER WIRE								
70601XXXX	14 AWG	SOLID	0.015" (15 MIL)	0.004" (4 MIL)	0.104"	12.400 lbs	16.125 lbs	32, 47
70602XXXX	12 AWG	SOLID	0.015" (15 MIL)	0.004" (4 MIL)	0.121"	19.500 lbs	23.800 lbs	32, 47
70603XXXX	10 AWG	SOLID	0.020" (20 MIL)	0.004" (4 MIL)	0.152"	30.996 lbs	37.900 lbs	32, 47
70604XXXX	8 AWG	SOLID	0.030" (30 MIL)	0.005" (5 MIL)	0.213"	49.975 lbs	60.401 lbs	CUSTOM
THHN (STRANDED) TRACER WIRE								
70606XXXX	14 AWG	19-STRAND	0.015" (15 MIL)	0.004" (4 MIL)	0.112"	12.600 lbs	16.325 lbs	32, 47
70607XXXX	12 AWG	19-STRAND	0.015" (15 MIL)	0.004" (4 MIL)	0.131"	19.600 lbs	23.900 lbs	32, 47
70608XXXX	10 AWG	19-STRAND	0.020" (20 MIL)	0.004" (4 MIL)	0.164"	31.136 lbs	38.040 lbs	32, 47
70609XXXX	8 AWG	19-STRAND	0.030" (30 MIL)	0.005" (5 MIL)	0.216"	49.824 lbs	60.250 lbs	32, 47

PART # DESIGNATION (AWG & COLOR)				
COLOR	14 AWG SOLID	12 AWG SOLID	10 AWG SOLID	8 AWG SOLID
BLACK	7060101xx	7060201xx	7060301xx	7060401xx
BLUE	7060102xx	7060202xx	7060302xx	7060402xx
GREEN	7060105xx	7060205xx	7060305xx	7060405xx
ORANGE	7060106xx	7060206xx	7060306xx	7060406xx
PURPLE	7060108xx	7060208xx	7060308xx	7060408xx
RED	7060109xx	7060209xx	7060309xx	7060409xx
WHITE	7060111xx	7060211xx	7060311xx	7060411xx
YELLOW	7060112xx	7060212xx	7060312xx	7060412xx
COLOR	14 AWG STRND	12 AWG STRND	10 AWG STRND	8 AWG STRND
BLACK	7060601xx	7060701xx	7060801xx	7060901xx
BLUE	7060602xx	7060702xx	7060802xx	7060902xx
GREEN	7060605xx	7060705xx	7060805xx	7060905xx
ORANGE	7060606xx	7060706xx	7060806xx	7060906xx
PURPLE	7060608xx	7060708xx	7060808xx	7060908xx
RED	7060609xx	7060709xx	7060809xx	7060909xx
WHITE	7060611xx	7060711xx	7060811xx	7060911xx
YELLOW	7060612xx	7060712xx	7060812xx	7060912xx

PART # DESIGNATION (PACKAGE SIZE)			
SIZE	PACKAGING	TYPE	PART NO.
14 AWG SOLID	4 x 500 FT REEL	CARTON	xxxxxxx 32
	1 x 2500 FT REEL	BULK REEL	xxxxxxx 47
12 AWG SOLID	4 x 500 FT REEL	CARTON	xxxxxxx 32
	1 x 2500 FT REEL	BULK REEL	xxxxxxx 47
10 AWG SOLID	2 x 500 FT REEL	CARTON	xxxxxxx 32
	1 x 2500 FT REEL	BULK REEL	xxxxxxx 47
8 AWG SOLID	1 x 500 FT REEL	BULK REEL	xxxxxxx 32
	1 x 2500 FT REEL	BULK REEL	xxxxxxx 47
14 AWG STRANDED	4 x 500 FT REEL	CARTON	xxxxxxx 32
	1 x 2500 FT REEL	BULK REEL	xxxxxxx 47
12 AWG STRANDED	4 x 500 FT REEL	CARTON	xxxxxxx 32
	1 x 2500 FT REEL	BULK REEL	xxxxxxx 47
10 AWG STRANDED	2 x 500 FT REEL	CARTON	xxxxxxx 32
	1 x 2500 FT REEL	BULK REEL	xxxxxxx 47
8 AWG STRANDED	1 x 500 FT REEL	BULK REEL	xxxxxxx 32
	1 x 2500 FT REEL	BULK REEL	xxxxxxx 47



PRO-LINE SAFETY PRODUCTS COMPANY
1099 ATLANTIC DRIVE, UNIT 1 • WEST CHICAGO, IL 60185
TOLL FREE: 800.554.3424



TRACER WIRE

CU THHN / THWN / MTW