

Copper Tracer Wire • 600 Volts • Oxygen Free Copper Conductor • Dead Soft Annealed Polyvinyl Chloride (PVC) Insulation • Direct Burial Rated • Moisture, Chemical, Acid, and Oil Resistant Impact, Crush, and Abrasion Resistant • RoHS Compliant • Made in the USA



Applications and Information

- Pro-Line **Type CU UF** 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 CU UF**, conductor is suitable for use direct burial applications not locations at temperatures not to exceed -20°C or 60°C .
- Considered as the premium grade copper tracer wire, it offers the best protection with a thick PVC insulation
- Tracer wire is RoHS Compliant and manufactured in the USA.

Standards and References

Pro-Line **Type CU UF** conductors meets or exceeds all applicable ASTM specifications, UL Standards 493, Federal Specification A-A-59544, and requirements of the National Electrical Code.

- ASTM B-3: Standard Specification for Soft or Annealed Copper Wire
- ASTM B170: Standard Specification for Oxygen-Free Electrolytic Copper

Construction

- Pro-Line **Type CU UF** copper conductors are annealed copper (soft drawn), insulated with a polyvinyl chloride (PVC) insulation. PVC provides an excellent balance of surface smoothness, processing ease and electrical consistency. PVC provides superior strength against underground elements that help prevent accidental breaks caused by rocks in shifting soil conditions.
- Available in black, blue, green, orange, purple, red, white, and yellow. Some colors standard, some subject to economic order quantity.

Specifications

TYPE: CU UF TRACER WIRE

Tracer wire shall be a (14, 12 or 10 AWG SOLID), Type UF, copper conductor with a polyvinyl chloride (PVC) insulation and rated for 600 volts. Insulation 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.

CU UF Tracer Wire (Weights, Measurements, and Packaging)

TRACER WIRE

WEIGHTS, MEASUREMENTS AND PACKAGING							
PRODUCT PART NO.	CONDUCTOR		INSULATION THICKNESS (PVC)	NOMINAL O.D. (inches)	APPROX. WEIGHT PER 1,000 FT (lbs)		STANDARD PACKAGES
	SIZE (AWG)	STRANDING			COPPER WEIGHT/MFT	PRODUCT WEIGHT/MFT	
CU UF (SOLID) TRACER WIRE							
74303XXXX	14 AWG	SOLID	0.060" (60 MIL)	0.185"	12.400 lbs	28.000 lbs	32, 47
74304XXXX	12 AWG	SOLID	0.060" (60 MIL)	0.201"	19.500 lbs	37.000 lbs	32, 47
74305XXXX	10 AWG	SOLID	0.060" (60 MIL)	0.222"	30.996 lbs	51.000 lbs	32, 47
74306XXXX	8 AWG	SOLID	0.080" (80 MIL)	0.289"	49.975 lbs	82.000 lbs	32, 47
CU UF (STRANDED) TRACER WIRE							
74308XXXX	14 AWG	7-STRAND	0.060" (60 MIL)	0.193"	12.600 lbs	29.000 lbs	32, 47
74310XXXX	12 AWG	7-STRAND	0.060" (60 MIL)	0.212"	19.600 lbs	38.000 lbs	32, 47
74312XXXX	10 AWG	7-STRAND	0.060" (60 MIL)	0.238"	31.136 lbs	52.000 lbs	32, 47
74314XXXX	8 AWG	7-STRAND	0.080" (80 MIL)	0.307"	49.824 lbs	83.000 lbs	32, 47

PART # DESIGNATION (AWG & COLOR)				
COLOR	14 AWG SOLID	12 AWG SOLID	10 AWG SOLID	8 AWG SOLID
BLACK	7430301xx	7430401xx	7430501xx	7430601xx
BLUE	7430302xx	7430402xx	7430502xx	7430602xx
GREEN	7430305xx	7430405xx	7430505xx	7430605xx
ORANGE	7430306xx	7430406xx	7430506xx	7430606xx
PURPLE	7430308xx	7430408xx	7430508xx	7430608xx
RED	7430309xx	7430409xx	7430509xx	7430609xx
WHITE	7430311xx	7430411xx	7430511xx	7430611xx
YELLOW	7430312xx	7430412xx	7430512xx	7430612xx
COLOR	14 AWG STRND	12 AWG STRND	10 AWG STRND	8 AWG STRND
BLACK	7430801xx	7431001xx	7431201xx	7431401xx
BLUE	7430802xx	7431002xx	7431202xx	7431402xx
GREEN	7430805xx	7431005xx	7431205xx	7431405xx
ORANGE	7430806xx	7431006xx	7431206xx	7431406xx
PURPLE	7430808xx	7431008xx	7431208xx	7431408xx
RED	7430809xx	7431009xx	7431209xx	7431409xx
WHITE	7430811xx	7431011xx	7431211xx	7431411xx
YELLOW	7430812xx	7431012xx	7431212xx	7431412xx

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



CU UF