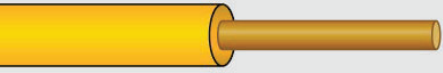


PE TRACER WIRE



APPLICABLE STANDARDS AND TESTS

- ✓ ASTM B-1, B-3, B-8 for Copper conductors
- ✓ ASTM D-1248 for Polyethylene
- ✓ ICEA S-70-547
- ✓ ICEA S-61-402/NEMA WC5
- ✓ ICEA S-95-658/NEMA WC70
- ✓ UL 83, UL 1581 for tests and procedures
- ✓ Spark tested at 7500 VAC

PRINT WHEEL

- ✓ KRIS-TECH WIRE CO. #XX AWG PE TRACER WIRE - DIRECT BURIAL USE ONLY

VALUE ADD SERVICE

- ✓ Custom lengths and put-ups
- ✓ 12 available colors
- ✓ Wire paralleling and cabling
- ✓ Wire striping
- ✓ Custom print legends and labels

SCOPE

Single conductor copper, high molecular weight polyethylene (HMWPE) insulated tracer/locator wire. HMWPE is a rugged and durable material considered excellent for moisture and abrasion resistance. This product is suitable for continuous service in direct burial, wet and dry locations, 75°C. Designed to carry an electrical signal for use in locating underground non-metallic pipe. Versions available in 30 volt, 600 volt.

CONSTRUCTION

Conductors: The single copper conductors shall be solid or stranded, annealed or hard uncoated copper per UL83 and ASTM requirements.

Insulation: Concentrically applied HMWPE insulation in accordance with UL83. LLDPE is standard and HDPE is available upon request.

IDENTIFICATION AND PACKAGING

Custom and standard print legends are available. 500 ft. spools packed 4/box, or 2500 ft. spools are standard and packaged and labeled with product name, description, AWG, and manufacturer.

Custom lengths, non-standard colors, Sunlight Resistance, AWG and custom packaging are available by request.

AWG	Breaking Pounds soft/hard	Bending Radius (inches)	Insulation Thickness (Inches) 30/600V	Nominal Overall Diameter – Inches	Nominal DC Resistance OHM/1000 ft @ 20°C	Approx. Shipping Weight (Lbs/Mft)
18	47/85	0.60	0.030/0.045	0.10/0.13	6.660	8/9
16	74/135	0.68	0.030/0.045	0.11/0.14	4.180	12/14
14	124/210	0.72	0.030/0.045	0.12/0.15	2.624	18/20
12	198/340	0.80	0.030/0.045	0.14/0.17	1.650	27/30
10	310/530	0.88	0.030/0.045	0.16/0.19	1.038	40/43
8	480/820	1.00	0.030/0.045	0.20/0.23	0.653	60/64
6	760/1280	1.25	0.030/0.045	0.22/0.25	0.411	92/97
4	1180/1300	1.45	0.030/0.045	0.26/0.29	0.258	138/144



SNAP FOR MORE INFORMATION

Spec: PE Tracer Wire
 Issued: 09/16/2024
 Supersedes: 08/14/2024