



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 and ICEA S-
- ✓ ICEA S-95-658/NEMA WC70 for cable construction
- ✓ 95-658/NEMA WC70 for cable construction
- ✓ UL 83, UL 1581 for tests and procedures
- ✓ Spark tested at 7500 VAC

PRINT WHEEL

- ✓ Kris-Tech Wire Co #XX AWG STR PE-30 Tracer Wire 30V direct burial only - caution gas line below

VALUE ADD SERVICE

- ✓ Custom lengths and put-ups
- ✓ 12 available colors
- ✓ Wire paralleling and cabling
- ✓ One Pull bundled wire solution
- ✓ 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/spl. packed 4/box, or 2500 ft/spl 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