

## Stainless Steel Tracer Wire

### Scope:

Single conductor high molecular weight polyethylene (HMWPE) insulated stainless steel, flexible strand, high strength tracer/locator wire. Intended for use in severe directional drilling applications where standard copper tracer wire has insufficient breaking strength. Suitable for direct burial use in wet and dry locations, designed to carry an electrical signal for use in locating underground non-metallic pipe. Versions available in 30 volt, 600 volt and 1000 volt.



### Applicable Standards and Tests:

- Commercial Specification SD 117 for stainless steel aircraft cable
- ASTM D-1248, ICEA S-70-547, ICEA S-61-402/NEMA WC5, ICEA S-95-658/NEMA WC70
- UL 83 and UL 1581
- Spark tested at 7500 VAC



### Construction:

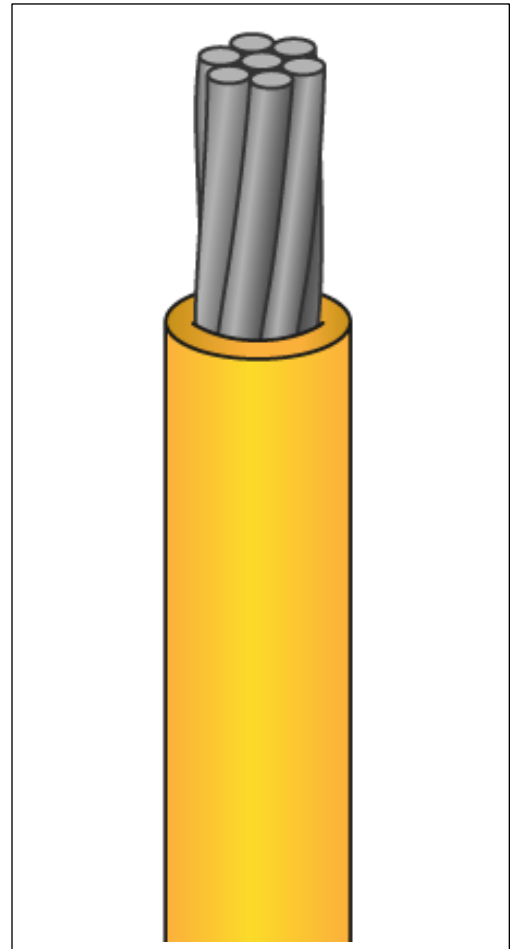
**Conductors:** The single conductors are 49 (7X7) strand annealed type 304 alloy.

**Insulation:** Concentrically applied high density HMWPE insulation in accordance with UL83.



### Identification and Packaging:

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



Kris-Tech #	Steel Wire Gauge	Steel Diameter (inches)	Breaking Pounds	Insulation Thickness (inches) 30/600/1KV	Nominal Overall Diameter (inches)	Approx. Product Wgt. (Lbs./Mft.)
6	6	3/16	3700	0.030 / 0.045 / 0.060	0.28	82
8	11	1/8	1700	0.030 / 0.045 / 0.060	0.22	41
10	12	7/64	1260	0.030 / 0.045 / 0.060	0.20	39