

# PET FENCE WIRE



## APPLICABLE TESTS AND STANDARDS

- ✓ ASTM B-1, B-3 AND B-8
- ✓ UL 83
- ✓ ICEA S-70-547 AND S-95-658/NEMA WC70

## FEATURES

- ✓ 30V AND 600V RATED
- ✓ DIRECT BURIAL RATED
- ✓ 75°C MAX CONTINUING OPERATING TEMPERATURE IN WET OR DRY LOCATIONS

## PRINT LEGEND

- ✓ KRIS-TECH WIRE CO. #XX AWG PET CONTAINMENT SPECIALTY WIRE

## VALUE ADD SERVICE

- ✓ CUSTOM LENGTHS AND PUT-UPS
- ✓ 12 AVAILABLE COLORS
- ✓ WIRE PARALLELING AND CABLING
- ✓ WIRE STRIPING
- ✓ CUSTOM PRINT LEGENDS AND LABELS



**SNAP FOR MORE INFORMATION**

## SCOPE

This high molecular weight polyethylene (HMWPE) insulated copper or copper-clad steel wire is used as an underground pet fence wire within a larger pet containment system.

## CONSTRUCTION

**Conductors:** Single conductors are solid or stranded, annealed or hardened, coated or uncoated copper.

**Insulation:** Conductors are insulated with a concentrically applied HMWPE (high molecular weight polyethylene).

LLDPE (linear low density polyethylene) is standard and HDPE (high density polyethylene) is available on request.

## IDENTIFICATION AND PACKAGING

Print legends on the wire shall include the manufacturer, conductor size, voltage rating, UL symbol (if applicable) and type designation. Standard length spools are 500 or 2500 feet.

### Single Conductors:

AWG	Breaking Pounds Soft/CCS	Bending Radius (Inches)	Insulation Thickness 30V/600V (Mils)	Nominal Overall Diameter 30V/600V (Inches)	Approx. Shipping Weight 30V/600V (Lbs/1000')
18	47 / 63	0.64	30 / 45	0.10 / 0.13	8 / 10
16	74 / 99	0.68	30 / 45	0.11 / 0.14	11 / 13
14	124 / 161	0.72	30 / 45	0.12 / 0.15	16 / 19
12	198 / 256	0.80	30 / 45	0.14 / 0.17	24 / 27

### Twisted 2 Conductor Perimeter Wire (Standard 2" Lay):

AWG	Breaking Pounds Soft/CCS	Bending Radius (Inches)	Insulation Thickness 30V/600V (Mils)	Nominal Overall Diameter 30V/600V (Inches)	Approx. Shipping Weight 30V/600V (Lbs/1000')
18	47 / 63	0.64	30 / 45	0.17 / 0.22	15 / 20
16	74 / 99	0.68	30 / 45	0.19 / 0.24	22 / 27
14	124 / 161	0.72	30 / 45	0.22 / 0.27	33 / 39
12	198 / 256	0.80	30 / 45	0.25 / 0.30	49 / 56