# *₩*KrisTech

ADE IN

U. S. A

**APPLICABLE TESTS AND** 

ICEA S-70-547 AND S-95-658/NEMA

75°C MAX CONTINUING OPERATING TEMPERATURE IN WET OR DRY

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

VALUE ADD SERVICE √ CUSTOM LENGTHS AND PUT-UPS

✓ WIRE PARALLELING AND CABLING

✓ CUSTOM PRINT LEGENDS AND LABELS

**12 AVAILABLE COLORS** 

WIRE STRIPING

STANDARDS √ ASTM B-1, B-3, AND B-8

🗸 UL 83

WC70

FEATURES √ 30V AND 600V RATED

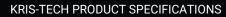
LOCATIONS

**PRINT LEGEND** 

DIRECT BURIAL RATED

RoHS

LISTER



# **PET FENCE WIRE**

### **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 feature solid or stranded, annealed or hardened, and coated or uncoated copper configurations.

**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 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



SNAP FOR MORE

KrisTech