



**SIGNWIRE**

**spec 987215**



**GTO-10**  
**10,000 VOLTS**



**RoHS**  

**C(UL) (COMPLIES WITH NEW UL 814 REQUIREMENTS  
EFFECTIVE 8/1/99) RoHS Compliant 105°C - BLACK**

**1.0 SCOPE**

**1.1** This specification covers FLEXIBLE miniature diameter neon sign gas tube oil burner ignition cable suitable for indoor and outdoor use for 10,000 volt service. This MINIATURE cable is recommended for applications where a small DIAMETER cable is required. Construction consists of stranded tinned annealed copper insulated with a SUNLIGHT RESISTANT dielectric.

**1.2 UV and Ozone Resistant**

**1.3 Open Circuit Voltage:**  
10 KVAC

**1.4 Breakdown Voltage:**  
Exceeds 20,000 Volts

**1.5 Dielectric Strength in MLS:**  
650V Per Mil

**1.6 Temperature Rating:**  
-65°C +105°C

**1.7 Fire & Flame Retardancy:**  
Cable Complies with VW-1  
UL 1581, Section 1080, Flame Test

**1.8 Oil Resistant:**

**1.9 Sunlight Resistant**

**1.10 Easy Stripping**

**1.11 Cable Complies with UL Standard 814 for Gas Tube Sign and Ignition Cable and CSA Standard C22.2 No. 127.99 Equipment/Lead Wires**

**2.0 CONSTRUCTION**

SIZE AWG	STRANDING	INTEGRAL W (MILS)	NOMINAL OVERALL DIAMETER	VOLTAGE RATING
18	19/.0092	85	.215"	10000V

**2.2 Conductor:**

Stranded tin coated annealed copper conforming to UL Standard 814.

**2.3 Insulation:**

High dielectric strength single extrusion. Color Black.

**2.5 Surface Print:**

"TUF-HIDE GTO-10 10000V 987215 105°C 18 AWG (UL) REV 8/99 E135239 OR GTO-10 10000V 105°C 18 AWG C(UL) E135239 RoHS"

**2.6 Tests:**

Physical and electrical tests in accordance with Underwriters Laboratories Standard No. 814 and CSA Standard C22.2 No. 127.99

**2.7 Nominal Weight:**

41 lbs/1000 Feet

**2.8 Packaging:**

1000 and 2500 ft. reels - Or special lengths can be Supplied on request

**For further information on this specification: Call 1-800-327-2443 or Fax: 908-687-8860 or E-Mail: roxtobia@paigeelectric.com**