

**TUF-HIDE® HEAVY DUTY  
14 AWG GTO-15  
15,000 VOLTS , 105°C  
UL LISTED  
Black-GRAY-WHITE**

**1.0 SCOPE:**

**1.1** This specification covers FLEXIBLE neon sign gas tube oil burner ignition cable suitable for indoor and outdoor use for 15,000 volt service.

Construction consists of stranded uncoated annealed copper insulated with a SUNLIGHT RESISTANT Dielectric.

**1.2 UV and Ozone Resistant**

**1.3 Open Circuit Voltage:**

15 KVAC

**1.4 Breakdown Voltage:**

Exceeds 30,000 Volts

**1.5 Dielectric Strength in MILS:**

400V Per Mil

**1.6 Temperature Rating:**

-20°C +105°C

**1.7 Fire & Flame Retardancy:**

Cable Complies with VW-1 UL 1581, Section 1080, Flame Test

**1.8 UL TW 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**

\*UL does not recognize any GTO cable as sunlight resistant.

**2.0 CONSTRUCTION:**

SIZE AWG	STRANDING	INTEGRAL WALL (MILS)	NOMINAL OVERALL DIAMETER	VOLTAGE RATING
14	19/.0147"	80	.230"	15000V

**2.2 Conductor:**

Stranded uncoated annealed copper conforming to UL Standard 814.

**2.3 Insulation:**

High dielectric anti-oxidant stabilizer "One Pass".

**2.4 Sleeve:**

PVC extruded as a sleeve over the insulated wire. Wall: .044" / O.D.: .325"

**2.5 Surface Print (WHITE):**

(Inner Jacket): "TUF-HIDE® '98 "OP" GTO-15 15000V 14 AWG 105C (UL) E135239  
(Outer Jacket): "TUF-HIDE® '98 "OP" GTO-15 15000V 14 AWG 105C (UL) E135239

**2.6 Tests:**

Physical and electrical tests in accordance with Underwriters Laboratories Standard No. 814

**2.7 Nominal Weight:**

59 Lbs/1000 Feet

**2.8 Packaging:**

150 ft. Cable Caddy dispensing box or special lengths can be supplied on request