



# Tuf-Hide GTO

14 AWG GTO - 15 HI-TEMP MINI SUPERFLEX



Connecting you to more.

**PART# 983840**

## 1.0 APPLICATION

**1.1** This specification covers FLEXIBLE miniature diameter neon sign gas tube oil burner ignition cable suitable for indoor and outdoor use for 15,000 volt service. Construction consists of stranded bare copper insulated with a SUNLIGHT RESISTANT Dielectric. Our TUFHIDE® Mini Superflex construction is Specially DESIGNED FOR INSTALLATION IN METAL CONDUIT. UL & CSA LISTED, GTO-15 FT2, ROHS COMPLIANT

**1.2 UV AND OZONE RESISTANT;**  
**\*SUNLIGHT RESISTANT; UL TW OIL RESISTANT**

**1.3 VOLTAGE**  
1.3.1 15 KVAC

**1.4 BREAKDOWN VOLTAGE**  
1.4.1 Exceeds 50,000 Volts

**1.5 DIELECTRIC STRENGTH IN MLS**  
1.5.1 650V Per Mil

**1.6 TEMPERATURE RATING**  
1.6.1 -29°C + 105°C

**1.7 FIRE & FLAME RETARDANCY**  
1.7.1 Cable Complies with VW-1  
UL 1581, Section 1080, Flame Test

**1.8 EASY STRIPPING**

**1.9 FIRE & FLAME RETARDANCY**  
1.9.1 For Gas Tube Sign and Ignition Cable

## 2.0 CONSTRUCTION

### 2.1

SIZE AWG	STRAND-ING	INTEGRAL W (MILS)	NOMINAL OVERALL DIAMETER	VOLTAGE RATING
14	19/.0147	98	.265"	15000V

### 2.2 CONDUCTOR

Stranded bare copper conforming to UL Standard 814 – CSA C22.2 No. 127.

### 2.3 INSULATION

High dielectric strength single extrusion. Color Gray. Special colors can be supplied on request.

### 2.4 SURFACE PRINT

“TUF-HIDE® HI-TEMP MINI SUPERFLEX 983840 14 AWG E135239 (UL) GTO-15 15000V 105C - CSA GTO-15 15000V 105C SUN RES FT2- ROHS COMPLIANT”

### 2.5 TESTS

Physical and electrical tests in accordance with Underwriters Laboratories Standard No. 814 – CSA C22.2 No. 127.

### 2.6 NOMINAL WEIGHT

37 Lbs/1,000 Feet

## 3.0 PACKAGING

**3.1** 250 ft. Cable Caddy dispensing box. Special lengths can be supplied upon request.

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



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