



**TRIDENT**  
SOLUTIONS®

Innovation - Protection - Identification

# Pro-Trace® HS-CCS PE30 / PE45 Tracer Wire

## Fact Sheet

Part# 745XXXXXX (X = Variable Information)



**PRO-TRACE® HS-CCS**  
30/45 MIL HDPE TRACER WIRE



Pro-Trace HS-CCS (High-Strength Copper Clad Steel) is used for tracer wire systems to conductively locate buried utility lines for the gas, water, sewer, telecom, and electrical markets. It boasts a high-carbon steel core metallurgically bonded with a copper cladding that is uniform and continuous, creating a bi-metal conductor that acts as one and is corrosion resistant. HS-CCS has almost 227% the break load of copper greatly reducing damage and breaks during installation. HDPE provides superior strength against underground elements that help prevent accidental breaks caused by rocks in shifting soil conditions.

### DESCRIPTION:

- Equal to copper in signal-tracing performance using only one wire
- For Open-Trench | Plow-In | Inside Conduit | Light Boring
- Available gauges: 8 AWG | 10 AWG | 12 AWG | 14 AWG | 16 AWG | 18 AWG
- Available reel sizes: 500' | 1,000' | 2,500' | 5,000'
- Available insulation thickness: 30 mil (30v) HDPE | 45 mil (600v) HDPE
- Insulation colors: Red | Yellow | Orange | Green | Blue | Purple | White | Black | Brown
- RoHS Compliant and works with connectors you already use
- All insulation spark tested @5000 VAC (30 mil) and @7500 VAC (45 mil)

### STANDARDS & REFERENCES:

- Pro-Trace HS-CCS meets or exceeds all applicable UL Standards, ASTM specifications, and requirements of the National Electrical Code.
- ASTM B910 / B190M: Standard Specification for Annealed Copper-Clad Steel Wire
  - ASTM B1010/B1010M: Specification EHS Copper Clad Steel in Tracer Wire Applications
  - ASTM B170: Specification for Oxygen-Free Electrolytic Copper
  - ASTM D1248: Standard Specification for Polyethylene Plastics Extrusion Materials for Wire and Cable
  - UL 2989 [not listed]: in accordance with USPSHTC Section 307.8.1, 18 AWG tracer wire for water service lines

### You May Also Be Interested In:



Tracer-Lock®  
Connector  
Part #: TL-LUG-SS



Locking Barrel  
Connector  
Part #: LBC



HideOut™  
Flush Mounted Test Station  
Part# RHTB



TriView®  
Test Station  
Part# TVTI



RhinoDome™  
Test Station  
Part# RDR-TS

TracerLet 1-Terminal  
Part# (TLET-1T-\*\*)

TracerLet 2-Terminal  
Part# (TLET-2T-\*\*)



TracerLet 3-Terminal  
Part# (TLET-3T-\*\*)



Tracer Wire  
Ground Rods