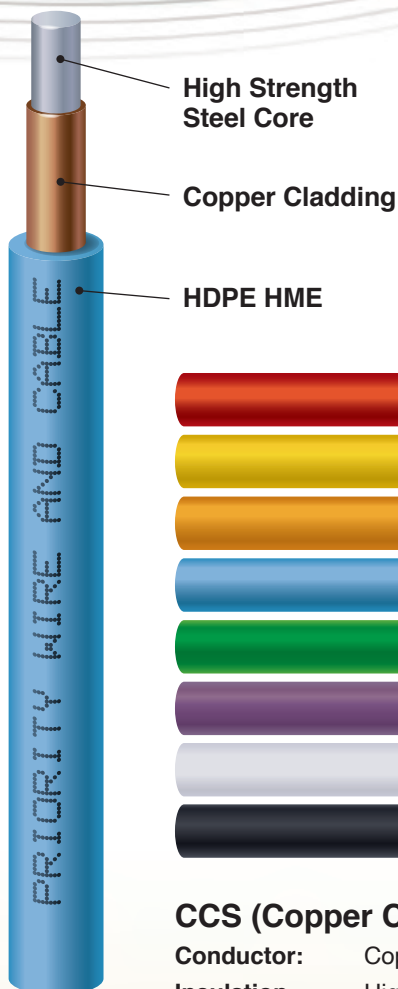


# TRACER WIRE

## Pipeline Tracer Wire or Locating Wire

Available with CCS (Copper Clad Steel) or Solid Copper inner core with 30 or 45 mil high density polyethylene insulation (HDHMWPE) insulation. It is intended for direct burial use or can be used in plastic pipe to aid in the detection and tracing of underground utility lines for gas, water, sewer, telecommunications or other systems. The temperature rating is -25°C to 75°C.



CCS is pictured, solid copper is available



### CCS (Copper Clad Steel) Standard Strength Construction:

- Conductor:** Copper-clad steel conductor, standard strength, 21% conductivity.  
**Insulation:** High density high molecular weight polyethylene (HDHMWPE), 30 or 45 mils.  
**Specifications:** Meets or exceeds the requirements of ASTM B3, ASTM B910, ASTM D-1248, UL 2989<sup>(not listed)</sup>, RoHS.

### STANDARD FLEX

30 Mil Insulation 30V, Standard Strength Core					
Size (AWG)	Conductor O.D. (in)	Nom Wire O.D. (in)	Wire Wt. (lbs/kft)	Approx. Break Strength (lbs)	Part Number*
14	0.0640	0.12	15	194	14SOLTW-CCS-SF-30
12	0.0808	0.14	22	302	12SOLTW-CCS-SF-30
10	0.1019	0.16	34	513	10SOLTW-CCS-SF-30

45 Mil Insulation 30V/600V, Standard Strength Core					
Size (AWG)	Conductor O.D. (in)	Nom Wire O.D. (in)	Wire Wt. (lbs/kft)	Approx. Break Strength (lbs)	Part Number*
14	0.0640	0.15	18	194	14SOLTW-CCS-SF-45
12	0.0808	0.17	25	302	12SOLTW-CCS-SF-45
10	0.1019	0.19	37	513	10SOLTW-CCS-SF-45

[WWW.PRIORITYWIRE.COM](http://WWW.PRIORITYWIRE.COM)

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# Pipeline Tracer Wire or Locating Wire

## CCS (Copper Clad Steel) High Strength Construction:

**Conductor:** Copper-clad steel conductor with high carbon 1055 grade steel (HS-CCS), 21% conductivity.

**Insulation:** High density high molecular weight polyethylene (HDHMWPE), 45 mils.

**Specifications:** Meets or exceeds the requirements of ASTM B3, ASTM B910, ASTM D-1248, UL 2989<sup>(not listed)</sup>, RoHS.

**HIGH  
STRENGTH**

45 Mil Insulation 30V/600V, High Strength Core					
Size (AWG)	Conductor O.D. (in)	Nom Wire O.D. (in)	Wire Wt. (lbs/kft)	Approx. Break Strength (lbs)	Part Number*
14	0.0640	0.15	18	285	14SOLTW-CCS-HS-45
12	0.0808	0.17	25	455	12SOLTW-CCS-HS-45
10	0.1019	0.19	37	685	10SOLTW-CCS-HS-45

## CCS (Copper Clad Steel) Extra-High Strength Construction:

**Conductor:** Solid copper-clad steel conductor with hard drawn high carbon 1055 grade steel (EHS-CCS), 21% conductivity.

**Insulation:** High density high molecular weight polyethylene (HDHMWPE), 45 mils.

**Specifications:** Meets or exceeds the requirements of ASTM B910, UL 2989, RoHS

**EXTRA  
HIGH  
STRENGTH**

45 Mil Insulation 30V/600V, Extra High Strength Core					
Size (AWG)	Conductor O.D. (in)	Nom Wire O.D. (in)	Wire Wt. (lbs/kft)	Approx. Break Strength (lbs)	Part Number*
12	0.0808	0.17	26	1155	12SOLTW-CCS-EHS-45
10	0.1019	0.20	39	2040	10SOLTW-CCS-EHS-45
8	0.1285	0.22	61	2790	8SOLTW-CCS-EHS-45

### EXAMPLE CABLE MARKING:

PRIORITY WIRE <AWG (mm2)> CCS (or HS-CCS or EHS-CCS) <30 MIL 30V or 45 MIL 30V/600V> HDHMWPE 75°C TRACER WIRE <YEAR> <SEQ FT.> <FACTORY ID> "color coded caution marking"

**Example for Blue:** \*\*CAUTION: BURIED WATER LINE\*\*

## Solid Copper Tracer Wire Construction:

**Conductor:** Solid copper conductor per ASTM B3, B258

**Insulation:** High density high molecular weight polyethylene (HDHMWPE), 30 mils.

**Specifications:** Meets or exceeds the requirements of ASTM B3, ASTM B258, ASTM D-1248, RoHS

**SOLID  
COPPER**

30 Mil Insulation 30V, Solid Copper Core					
Size (AWG)	Conductor O.D. (in)	Nom Wire O.D. (in)	Wire Wt. (lbs/kft)	Approx. Break Strength (lbs)	Part Number*
14	0.064	0.12	16	110	14SOLTW-CU-30
12	0.081	0.14	24	174	12SOLTW-CU-30
10	0.102	0.16	36	277	10SOLTW-CU-30

### EXAMPLE CABLE MARKING:

PRIORITY WIRE <AWG (mm2)> CU <30 MIL 30V> HDHMWPE 75°C TRACER WIRE <YEAR> <SEQ FT.> <FACTORY ID> "color coded caution marking"

**Example for Blue:** \*\*CAUTION: BURIED WATER LINE\*\*

\*Root part numbers listed, a color code and packaging length will be added. Available in 500' and 2,500' reels.

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