

## Tracer Wire



### **DESCRIPTION & FEATURES :**

Pipeline Tracer Wire is a solid copper conductor insulated with a low density polyethylene (LDPE), linear low density polyethylene (LLDPE), medium density (MDPE) or high density polyethylene (HDPE). All are classified as high molecular weight polyethylene (HMWPE) that provides excellent abrasion, crush, chemical, oil and moisture resistance.

### **APPLICATION :**

Suitable for direct burial with plastic pipe to facilitate the detection and tracing of underground pipe systems.

### **STANDARDS :**

#### **CONDUCTOR.**

Solid or stranded copper per spec ASTM B-1, B-3, or B-8.

#### **PRIMARY INSULATION.**

High Molecular Weight Polyethylene (HMWPE) ASTM D-1248

**Temperature:** 70 degree C dry and wet

**Voltage:** 20 & 30 Mil = 30 - 300 volts

**500', 1000', 2500' REELS STANDARD, LONGER LENGTHS AVAILABLE UPON REQUEST**









This specification describes a single conductor tracer wire. It is intended to carry a radio signal to aid in the location of buried plastic pipes.

The wire may be identified by surface printing, indicating manufacturer, conductor size.

# Tracer Wire

Conductor		Nominal (in.)		Standard Lengths		Weight
<i>AWG</i>	<i>Strands</i>	<i>Insulation</i>	<i>O.D.</i>	<i>Put-Up</i>	<i>Ship Pkg.</i>	<i>(Lbs./Mft)</i>
<b>14</b>	<b>Solid</b>	<b>0.020</b>	<b>0.104</b>	<b>500 ft</b>	<b>2000 ft</b>	<b>15.3</b>
<b>14</b>	<b>Solid</b>	<b>0.030</b>	<b>0.124</b>	<b>500 ft</b>	<b>2000 ft</b>	<b>16.8</b>
<b>14</b>	<b>Solid</b>	<b>0.045</b>	<b>0.154</b>	<b>500 ft</b>	<b>2000 ft</b>	<b>19.5</b>
<b>12</b>	<b>Solid</b>	<b>0.020</b>	<b>0.121</b>	<b>500 ft</b>	<b>2000 ft</b>	<b>23.7</b>
<b>12</b>	<b>Solid</b>	<b>0.030</b>	<b>0.141</b>	<b>500 ft</b>	<b>2000 ft</b>	<b>24.5</b>
<b>12</b>	<b>Solid</b>	<b>0.045</b>	<b>0.171</b>	<b>500 ft</b>	<b>2000 ft</b>	<b>27.4</b>
<b>10</b>	<b>Solid</b>	<b>0.030</b>	<b>0.162</b>	<b>500 ft</b>	<b>1000 ft</b>	<b>39.3</b>
<b>10</b>	<b>Solid</b>	<b>0.045</b>	<b>0.192</b>	<b>500 ft</b>	<b>1000 ft</b>	<b>43.0</b>
<b>8</b>	<b>Solid</b>	<b>0.030</b>	<b>0.189</b>	<b>500 ft</b>	<b>1000 ft</b>	<b>56.0</b>
<b>8</b>	<b>Solid</b>	<b>0.045</b>	<b>0.220</b>	<b>500 ft</b>	<b>1000 ft</b>	<b>60.0</b>
<b>6</b>	<b>Solid</b>	<b>0.045</b>	<b>0.252</b>		<b>1000 ft</b>	<b>97.0</b>

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