



Copper PE30 Tracer Wire Solid or Stranded

Fact Sheet

PE30 Part# 740XXXXX (X = Variable Information)



COPPER (Solid or Stranded)
PE30 HDPE TRACER WIRE



COPPER PE30 is used for tracer wire systems to conductively locate buried utility lines for the gas, water, sewer, telecommunication, and electrical markets. It is made from oxygen free copper cathode formed into copper rod. Copper rod is pulled thru a series of drawing dies to achieve conductor diameter. Conductor then undergoes a heat treating process (annealing), resulting in soft annealed copper. The process above is what determines properties like break load and flexibility. The next process is extrusion of the insulation; high-density, high molecular weight polyethylene (HMW-HDPE). HDPE is considered the best tracer wire insulation due to cost, smoothness, and abrasion protection. The final process is processing insulated wire onto reels.

DESCRIPTION:

- Oxygen-free dead soft annealed copper conductor
- High-density, high molecular weight polyethylene (HDPE) insulation
- Corrosion, moisture, chemical, acid, oil, impact, crush, and abrasion resistant
- For Direct Burial
- Available gauges: 8 AWG | 10 AWG | 12 AWG | 14 AWG
- Available reel sizes: 500' | 1,000' | 2,500' | 5,000'
- Available insulation thickness: 30 mil (30v)
- All insulation spark tested @5000 VAC (30 mil)
- Insulation colors: Red | Yellow | Orange | Green | Blue | Purple | White | Black | Brown
- RoHS Compliant and works with connectors you already use

STANDARDS & REFERENCES:

Copper PE30 meets or exceeds all applicable UL Standards, ASTM specifications, and requirements of the National Electrical Code.

- ASTM B-3: Standard Specification for Soft or Annealed Copper Wire.
- ASTM B170: Standard Specification for Oxygen-Free Electrolytic Copper.
- ASTM D1248: Standard Specification for Polyethylene Plastics Extrusion Materials for Wire and Cable.

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