

# ENDOTRACE

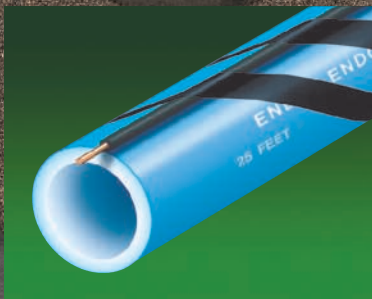
## TRACEABLE TUBING

# Taking pipe detection to a whole new level.

Endot's EndoTrace makes water pipe a snap to find. EndoTrace<sup>SM</sup> consists of EndoPure polyethylene water pipe together with factory-installed tracer wire. Combined, they form a one-step, easy-to-install system that speeds traceable water service tubing installation.

- Endot's NSF Certified EndoPure Tubing and HDPE coated tracer wire form the system.
- Two independent, spirally wound, polypropylene tape layers hold the wire to the tubing to ensure a long lasting installation.

- The system eliminates the need to hand tape wire to the tubing.
- Reduces labor costs of service tubing installations requiring a tracer wire.
- EndoPure pipe and tubing has consecutive footage marks.
- The wire will not interfere with the installation of fittings, or with the use of fusion equipment.
- Meets the National Plumbing Code requirement 2.6.6.1 for tracer wire on underground non-metallic water service tubing.
- Available in 1/2" through 2", and as IPS or CTS sizing.



### Endot Industries, Inc.

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# EndoTrace Traceable Tubing

## GENERAL SPECIFICATIONS

**EndoTrace** is an underground polyethylene water pipe system that's easily detectable even years after installation. The system consists of Endot's premium-quality EndoPure water pipe combined with factory-installed tracer wire that together form the easily traceable water service tubing system. The one-step system eliminates the need for hand taping and reduces the labor costs usually associated with water service tubing installation.

ENDOT EndoPure meets the specifications of NSF-14 & 61, AWWA C901-08 plus the following standards:

### Material Standards PE 4710

ASTM D3350 - Cell Classification  
UV Stabilized Clear Center -445576D  
UV Stabilized Blue Exterior -445576E  
ASTM D1505 - Density.949 g/cc  
ASTM D1238- Melt Index>0.08 g/10 min  
ASTM D638 - Tensile Strength>3600psi  
ASTM D638 - Elongation>740%  
ASTM D2837- Hydrostatic Design Basis1600psi @ 20°C  
ASTM D790 - Flexural Modulus150,000psi  
ASTM D746 - Brittleness Temp.<-103°F  
ASTM D1693 - Slow Crack Growth Pent>25,000 hours

### Dimensional Standards

ASTM D2239 - SIDR - Iron Pipe Size (IPS), Controlled Inside Diameter  
ASTM D2737 - SODR - Copper Tube Size (CTS), Controlled Outside Diameter  
ASTM D3035 - DR - Iron Pipe Size (IPS), Controlled Outside Diameter

### TRACER WIRE SPECIFICATIONS:

Conductor:Gauge:10 AWG Standard  
Strands:Single Strand Copper Clad Steel by Copperhead  
O.D.:0.1091"  
Break Load:600 lbs.  
Insulation:Type:HDPE  
Wall: Minimum 0.030"  
O.D. with Insulation: 0.162" Nominal  
Total Weight of 10 AWG Tracer wire: 32.5 lb. per MFT  
Meets National Plumbing Code requirement 2.6.6.1 for tracer wire on underground non-metallic water service tubing

### TAPE SPECIFICATIONS:

Two independent, spiral-wound polypropylene continuous tape layers encase the wire and hold it to the tubing to ensure a long-lasting installation.  
Will not interfere with the installation of fittings or with the use of fusion equipment.  
Color: Black

For the latest information on products and services, visit: [www.endot.com](http://www.endot.com)  
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#### CORPORATE HEADQUARTERS

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#### PLANT LOCATIONS

Greeneville, TN  
Pryor Creek, OK