



Platinum Natural Gas Solutions
www.ptngs.com



US Pat. No. 7,932,469; other patents pending

TST Series - Trace Safe Trench

Description

Water blocking reinforced tracer wire used for direct burial locating purposes in the telecommunications, gas, sewer or water utilities. Double insulated tin-coated solid copper conductor enables location of plastic gas lines, sewer lines, water pipes and non-metallic dielectric fiber optic cables.

Features & Benefits

- ▲ Durably printed with sequential footage or meter markings
- ▲ Conductor additionally protected by product construction
- ▲ Market specific coloring for easy identification
- ▲ Water blocking yarns
- ▲ High density polyethylene jackets
- ▲ Low elongation for enhanced worker safety, no spring back
- ▲ Lightweight and flexible
- ▲ Easy to handle and install
- ▲ Packaged on sturdy recyclable plastic reels
- ▲ Conductor functions at a wide range of frequencies and is compatible with any standard locating equipment
- ▲ Fungus resistant
- ▲ 600 V rated per UL 1581
- ▲ Passes 3 meter water head test
- ▲ Universal connector system



Please refer to NEPTCO's TRACE-SAFE® Water Blocking Tracer Wire Splicing Instructions.

TRACE-SAFE® WATER BLOCKING TRACER WIRE PRODUCT ORDERING INFORMATION

Product	Color Code	Market	Strength		Nominal Diameter
			lbs.	(kg)	
TST600W	Orange	Telecommunications	600	(272)	.145"
TST601W	Yellow	Gas	600	(272)	.145"
TST602W	Blue	Water	600	(272)	.145"
TST603W	Green	Sewer	600	(272)	.145"



TRACE-SAFE® Water Blocking Tracer Wire is intended to promote detection of underground cables and utilities. As with any conductor, it has the potential to transfer electrical energy. Do not pull, strap, bind or lift items with this product.

PLEASE SEE REVERSE SIDE FOR ADDITIONAL INFORMATION

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Conductor Data

AWG	19 AWG tin coated solid copper conductor
Diameter	.0356" Nominal (.90 mm)
DC Resistance	8.5 OHMS per 1,000 feet (304 meters)
Tensile Strength	38,500 psi Nominal (27,342 kPa)

Conductor Insulation Data

Type	High Density Polyethylene
Inner jacket thickness	.006" (.154 mm) Nominal - Black Color

Dielectric Constant	2.29 @ 1 MHZ
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Core Material

Type	Woven high tenacity polyester and water blocking polyester yarns
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Outer Jacket

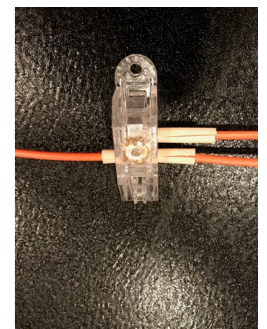
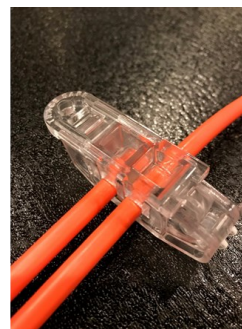
Type	High Density Polyethylene
Outer Jacket Thickness	0.025" (0.635 mm) Nominal - Color depends on

Overall Product Strength

Tensile Strength	610 lbs. Nominal (277 kg)
Crush Strength	2102 lbs. Nominal (~1000 kg)

Connectors with TST 400 adapter

- Consistent reliable connections
- No stripping required
- Easy to use ensuring high quality splices



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