



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

RT Series - 19 gauge conductor

Description

Water blocking reinforced tracer wire used for direct burial locating purposes in the telecommunications, gas, sewer or water utilities. Insulated metallic conductor enables location of all-dielectric cables, gas lines, sewer lines or water pipes.

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
- ▲ Polyethylene jacket
- ▲ Low elongation for enhanced worker safety
- ▲ Lightweight and easy to handle and install
- ▲ Packaged on sturdy recyclable plastic reels
- ▲ Corrosion-resistant conductor functions at a wide range of frequencies and is compatible with any standard transmitting / receiving equipment
- ▲ Fungus resistant
- ▲ NEPTCO TRACE-SAFE® identification tags included with every reel



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
			lbs.	(kg)	Diameter
RT1800W	Orange	Telecommunications	1800	(818)	.235"
RT1801W	Yellow	Gas	1800	(818)	.235"
RT1802W	Blue	Water	1800	(818)	.235"
RT1803W	Green	Sewer	1800	(818)	.235"
RT1804W	Purple	Reclamation	1800	(818)	.235"

* Also available unprinted



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Conductor Data

AWG	19 Tin Coated Solid Copper
Diameter	.0358" Nominal
Resistivity	16.85 OHMS per MFT
Tensile Strength	38,500 psi Nominal
Break Strength	38.95 lbs. Nominal
Elongation	30 %

Conductor Insulation Data

Type	Polyethylene - Black Color
Thickness	.006" Nominal
Overall Thickness	.048" Nominal
Maximum Voltage	300 V Insulated
Dielectric Constant	2.29 @ 1 MHZ

Core Material

Type	Woven polyester and water blocking polyester yarns
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Outer Jacket

Type	High Density Polyethylene
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	WARNING	TRACE-SAFE® Water Blocking Tracer Wire: 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.
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