

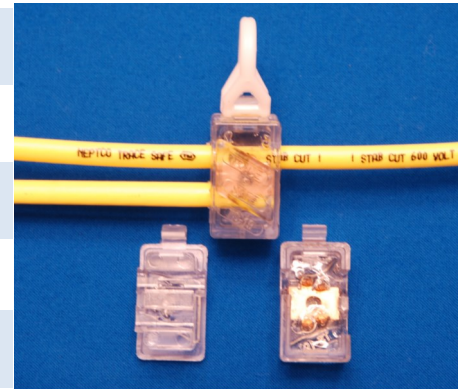
Water Blocking Connectors for TRACE-SAFE Utility Locating System

Description:

Gel filled impact resistant polycarbonate connectors for splicing TRACE-SAFE wire, end to end or main line to lateral. Enables accurate locating of all-dielectric cables, gas line, sewer lines or water pipes.

Product Details

- **Material:** Glass filled polycarbonate
- **Dimensions:** Length 1 7/16" x Width 23/32" x 23/32" high
- **Non-hardening gel:** Temperature range -85 °F to 350 °F (-65 °C to 177 °C)
- **Conductor size:** 10 - 19 AWG
- **Styles:** Connectors for TRACE-SAFE® and conventional tracer wires



Features & Benefits

- Fast, easy assembly
- See through
- Pull out resistance
- Corrosion resistant
- UL Rated
- Color coded Lanyard

Properties

- No special tools required
- No need to strip the wire
- Glass filled polycarbonate
- Average 70 lbs. to lose continuity
- Excess of 500 lbs. with recommended strain relief *
- ASTM B117-09 salt spray fog test
- UL467-2007 short time current test
- UL1581 crush test to 3,500 lbs. maintains continuity
- UL486A-486B-2003
- Identifies use of each connector

Disclaimer: TRACE-SAFE® water blocking tracer wire performance is not guaranteed if installed without the use of TRACE-SAFE® connectors.

* Please see reverse side for recommended strain relief

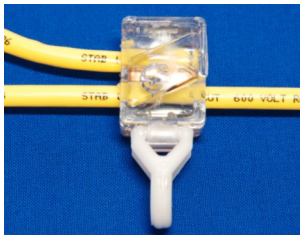
See reverse side for additional information

Item Number	Product	Color	Description	Lanyard Color	Quantity per box
55565	TS19-C	Clear	Service Lateral TRACE-SAFE Connector	Ivory	10
55564	TS19 -IL-C	Clear	End to End TRACE-SAFE Connector	Grey	10
56348	TS19-LC-C	Clear	TRACE-SAFE Locate Clip	Grey	10

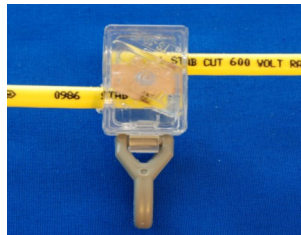
Transitional connectors for conventional tracer wire

56346	TS12-19-C	Clear	Service Lateral 12 AWG main to TRACE-SAFE Connector	Brown	10
56347	TS12-19-IL-C	Clear	End to End 12 AWG to TRACE-SAFE Connector	Black	10
56688	TS19-12-C	Clear	Service Lateral TRACE-SAFE main to 12 AWG Connector	Green	10

TS19-C

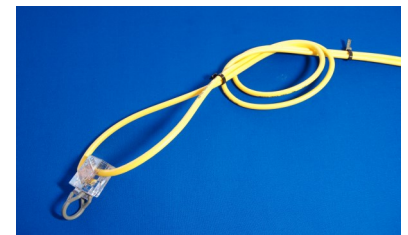


TS19-IL-C

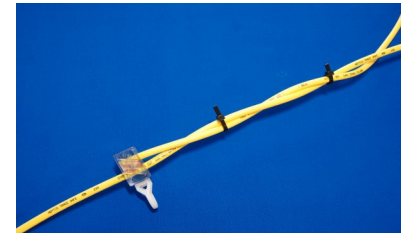


Recommended strain relief

End to end splice



Service lateral



TS-19
TRACE-SAFE CONNECTOR
MAIN LINE to LATERAL/TAP (IVORY) 1-10-12

NEPTCO Incorporated
Pawtucket, RI 02861 (401) 722-5500

*Trace-Safe wire is oval in cross-section.

- 1 Hold bottom of connector perpendicular to the main line wire, with top of box facing away. Insert main line wire into top slot of box. Push wire into place with thumb.
- 2 Hold main line wire and rotate connector 90 degrees until flat.
- 3 Place top of connector on loosely (1/8"). Line up lateral/tap wire to the open hole of the connector. Slide wire through the connector, making contact with the back wall. Press connector together with fingers.
- 4 Place channel lock pliers on installation pads and squeeze together until closed.

TS-19-IL
TRACE-SAFE CONNECTOR
IN-LINE BUTT SPLICE (GRAY) 12-20-11

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Pawtucket, RI 02861 (401) 722-5500

*Trace-Safe wire is oval in cross-section.

WRONG **CORRECT**

- 1 Place top of connector on loosely (no more than 1/8"). Line up Trace-Safe wire to the open hole of the connector. Slide wire through the connector, making contact with the back wall, making sure the wire clears the teeth. Insert second wire into opposite hole, making contact with the back wall. Press together with fingers to lock wires together in position.
- 2 Place channel lock pliers on installation pads and squeeze together until closed.

teeth above hole

TS19-LC



WARNING 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.

NEPTCO only warrants that its products will work in a manner consistent with the capabilities described. This information corresponds to our current knowledge of the subject and it is not intended to substitute for any testing you may need to conduct to determine suitability of our product for your particular purpose. Except for the express warranty and limited remedies described herein, NEPTCO DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. The Buyer's remedies under the limited warranty stated above shall be limited to a return of the purchase price of the product. NEPTCO and its authorized agents shall not be liable for any other damages including consequential damages, incurred in connection with the use or performance of the product. This warranty shall be void if the product has been tampered with or improperly used. NEPTCO reserves the right to improve, enhance, and / or modify the features and specifications of these products.