NEVER-FAIL PREFORMED INDUCTIVE LOOP
MODEL F-SERIES (LOW-PROFILE LOOP HEAD)

Description: Model F-SERIES detection loops are designed for installation into concrete pour, asphalt overlays, cut-in, or as a temporary above ground "stick-on" loop. This model provides cost-effective, reliable installation in harsh environments. Model F-SERIES has the flexibility to withstand the rigors of the installation process.

LOOP HEAD	LEAD-IN	TEE	WIRE	O.D.
POLYESTER ELASTOMER	POLYESTER ELASTOMER	SCHEDULE 80 CPVC	20 AWG TEFLON COATED STR	3/8 INCH (9.5MM)

APPLICATION

- Concrete Pour / Hot Asphalt overlay / Direct Burial / Cut-in (3/8 inch slot) / Temporary

CONDUIT

- Polyester Elastomer cover
- Polyester yarn reinforcement
- Polyester Elastomer inside tube
- Excellent cut, abrasion, and impact resistance
- Superior resistance to moisture, salt, gasoline, and oil (Class A)
- Retains flexibility longer than traditional nylon tubing in harsh heat, cold and oil conditions
- 3/8 inch O.D. (9.5 millimeter) / 0.251 inch I.D
- Maximum lead-in length (tail): 300 feet (91 meters)

CONNECTION

- Schedule 80 CPVC tee to join loop head and lead-in (wire passes through -- no splices within tee)
- Strongest tee available - Dimensions: 2 inch long (3/4 inch O.D.)

WIRE

- Loop wire is 20 gauge AWG stranded, teflon-coated, single conductor, military spec. MIL-W-16878/4
- One continuous wire through the loop head and lead-in to prevent loop malfunctions due to splicing
- Wires within lead-in are machine twisted at 6 twists per foot

CONSTRUCTION NOTES

- The entire loop (loop head, tee, lead-in) shall be filled with hot rubberized self sealing emulsion which allows the loop to remain flexible once cooled, prevent incursion of moisture, and set the wire firmly in place.
- Loops shall be tested four ways prior to shipment ("megger", inductance, ohms, quality-factor).
- All loops factory produced and come with a full 10 year manufacturer's warranty.
- Shipped ready to install.

Never-Fail Loop Systems, Inc.
Portland, OR, 97267 USA
Tel: ++1 503-869-1631
Email: sales@neverfailloop.com
Support: support@neverfailloop.com
Internet: www.neverfailloop.com

Never-Fail Loop Systems

Preformed Polypropylene Inductive Loops