



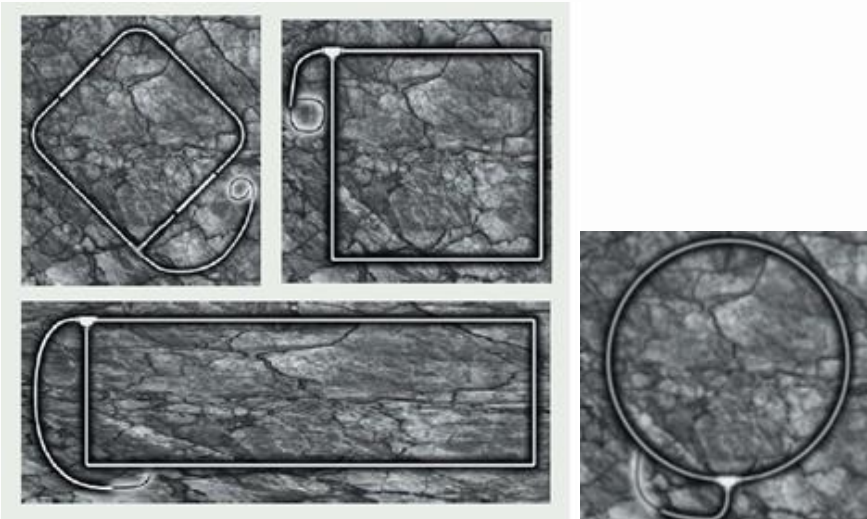
# Sustainable Solutions for Traffic Technologies

## VEHICLE DETECTOR LOOPS

### Overview

PEEK Traffic Corporation offers the broadest range of loop types, configurations, and sizes in the industry!

- High-temperature preformed loops
  - Preformed loops
  - Asphalt-filled loops
  - Rectangle
  - Round
  - Quadropole™
  - Square
  - Foldable
  - Non-foldable
- Model A: Designed for installation into hot asphalt or under asphalt overlay.
  - Model C: Designed for installation into concrete overlay or concrete or bridge decks
  - Model F: Designed for saw-cut installation into asphalt or concrete
  - Model F-38: Designed for installation into hot asphalt overlay, concrete overlay, cut-in, or as a temporary above



ASPHALT FILLED LOOP SPECIFICATIONS	Model A	Model C	Model F	Model F-38
Wires sealed in rubber asphalt filled polypropylene	•	•	•	•
No splices	•	•	•	•
Shipped ready to install	•	•	•	•
Patented expansion-contraction joints	•	•	•	•
Direct burial in dirt/gravel or onto sub-base	•	•	•	•
Reduced maintenance cost	•	•	•	•
Two year warranty	•	•	•	•
Loops are constructed from polypropylene conduit with 3/8" I.D. (9.5 mm) and 5/8" O.D (16 mm)	•	•	•	•
Conduit is filled with hot rubberized asphalt which allows the loop to remain flexible once cooled	•	•	•	•
Loops have 5" expansion/contraction joints at intervals along the loop to allow for movement of the pavement and to prevent breakage of the wire and/or conduit due to this movement.	•	•	•	•
Each expansion/contraction joint has a 9" long schedule 80 Polypropylene cover slide placed over the joint. Each expansion/contraction joint has a schedule 80 Quintex tee cover over the corners	•	•	•	•
Encapsulated copper loop wire is 16 gauge TFFN or THHN stranded, single conductor wire with PVC insulation and nylon exterior jacket (other gauges employed where called for). Loops have four turns (additional or less turns where called for).	•	•	•	•

## 1700 Series High-Temp Preformed Loops

- Ideal for use with hot asphalt or under asphalt overlay.
- Designed for rebar application with a fully protected feeder cable assembly.
- Eliminates the need for expensive pavement sawing equipment.
- Outer tubing is constructed of cross-linked polyethylene (XLPE).
- Loop wire (inside tubing) is 5 conductor 18 AWG in a polyester jacket configured to provide the proper number of turns required for the loop.
- Feeder cable (homerun, lead-in) cable is 16 AWG, 2 cond. with a polyester jacket.
- T-fitting is constructed from glass-filled polyester.
- Lightweight and flexible for easy shipping and handling.
- Available in a wide range of loop configurations and sizes designed to meet field requirements

1.5' x 2.25' (45.72 cm x 68.58 cm)	#1744	Rectangle
1.5' x 4.5' (45.72 cm x 1.37 m)	#1702	Rectangle
2' x 6' (60.96 cm x 1.83 m)	#1730	Rectangle
2.5' x 6' (76.2 cm x 1.83 m)	#1729	Rectangle
3' x 3' (91.44 cm x 91.44 cm)	#1743	Rectangle
3' x 6' (91.44 cm x 1.83 m)	#1704	Rectangle
3' x 8' (91.44 cm x 2.44 m)	#1714	Rectangle
3' x 15' (91.44 cm x 4.57 m)	#1732	Rectangle
4' Diameter (1.22 m)	#1741	Round
4' x 6' (1.22 m x 1.83 m)	#1722	Rectangle
4' x 8' (1.22 m x 2.44 m)	#1737	Rectangle
4' x 9' (1.22 m x 2.74 m)	#1748	Rectangle
4' x 10' (1.22 m x 3.05 m)	#1746	Rectangle
4' x 12' (1.22 m x 3.66 m)	#1725	Rectangle
5' x 6' (1.52 m x 1.83 m)	#1740	Rectangle
5' x 40' (1.52 m x 12.19 m)	#1726	Rectangle
6' Diameter (1.83 m)	#1740	Rectangle
6' x 6' (1.83 m x 1.83 m)	#1705	Square
6' x 7' (1.83 m x 2.13 m)	#1739	Rectangle
6' x 8' (1.83 m x 2.44 m)	#1724	Rectangle
6' x 10' (1.83 m x 3.05 m)	#1707	Rectangle
6' x 12' (1.83 m x 3.66 m)	#1750	Rectangle
6' x 13' (1.83 m x 3.96 m)	#1742	Rectangle
6' x 14' (1.83 m x 4.27 m)	#1749	Rectangle
6' x 15' (1.83 m x 4.57 m)	#1710	Rectangle
6' x 16' (1.83 m x 4.88 m)	#1734	Rectangle
6' x 20' (1.83 m x 6.10 m)	#1728	Rectangle
6' x 20' (1.83 m x 6.10 m)	#1703	Quadrupole™
6' x 25' (1.83 m x 7.62 m)	#1735	Quadrupole™

For other dimensions please contact our inside sales department 1800-246-7600 ext. 1245, 1253 or 1252

## ASPHALT FILLED LOOP SPECIFICATIONS

	Model A	Model C	Model F	Model F-38
Loops have one continuous wire through the loop head and lead-in to prevent loop malfunctions due to splicing.	•		•	
Lead-in wires are encased in a non-conductive flex hose constructed with seamless extruded polyester fiber braid reinforcement and a non-conductive, seamless extruded urethane non-perforated jacket.	•	•		
<ul style="list-style-type: none"> <li>• 2250 psi</li> <li>• 250 psi</li> <li>• Attach lead-ins to loop heads with a schedule 80 CPVC tee</li> </ul>	•		•	•
Above ground "stick-on" loop detector				•
Small, light, facile (bendable to a 1" [2.5 cm] radius). •				•
3/8" W x 1 1/2" D (1 cm x 3.75 cm) slot, less sealant required to fill.				•
Heads and tails (lead-ins) constructed of 3/8" (9.5 mm) O.D. hydraulic flex hose				•
Wire is 20-gauge, stranded, teflon-coated, stranded single-conductor. (Military-MIL-W-16878/4 Type E)				•

## McDonald's Series

3624FX Preformed McDonald Loop No. 1	Preformed loop, flexible neck, h/ware for speaker board only
3624FX Preformed McDonald Loop No. 2	Preformed loop, flexible neck, h/ware and template for speaker board
3624FX Preformed McDonald Loop No. 3	Preformed loop, flexible neck, h/ware and 2 templates for ref.board
3624FX Preformed McDonald Loop No. 4	With flexible neck kit double fold, assembly inst.
3624FX Preformed McDonald Loop No. 5	Preformed loop, flexible neck, h/ware and B template for speaker post

## 700 Series

Ideal for installation into new concrete and concrete overlays. Easily installed in bridge decks, new parking structures, and temporary roadways. Fully enclosed in Schedule 40 PVC pipe. Minimum inductance value is approximately 100 microhenries. Loops are provided with 20 feet of lead-in cable unless otherwise specified when ordering. Foldable for ease of handling (exception: Models 702 and 714 are shipped fully assembled). Any amount of additional lead-in cable can be supplied upon request.

1.5' x 4.5' (45.72 cm x 1.37 m)	#702 5 turn non foldable
2.5' x 6' (76.2 cm x 1.82 m)	#703 5 turn foldable
3' x 6' (91.44 cm x 1.83 m)	#717 5 turn foldable

For other dimensions please contact our inside sales department 1800-246-7660 ext. 1245, 1253, 1252



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**About Peek Traffic Corporation** – Peek's heritage goes back over 120 years, covering a broad range of quality turnkey traffic control products and services. Throughout the years, Peek's products have helped to make motorists around the world safer and their travels more pleasant and efficient. This expertise, experience, and breadth of product lines has made Peek one of the most respected and recognized leaders in the traffic control marketplace.

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