

QPL 6: TRAFFIC CONTROL DETECTION LOOP SEALANTS

GENERAL

This evaluation procedure outlines the Department's approval process for detector loop sealants used for embedding traffic signal loop wires in bituminous or portland cement concrete pavement.

SPECIFICATIONS

- ASTM D2240 – Standard Test Method for Rubber Property—Durometer Hardness

PROCEDURE

A completed Product Evaluation Form, safety data sheet (if applicable), product data information, and a sample of the product being tested must be submitted to the Division of Materials and Tests.

The sealant must:

- Be of one or two components
- Become tack-free in one hour or less at 25° C (77° F)
- Have a minimum hardness (Shore A) of 15 as determined by ASTM D2240
- Not have sand as part of the sealant mixture

The manufacturer shall submit certified test results for the product.

ITEM NO.	PAY ITEM	PAY UNIT
730-14.03	LOOP WIRE	L.F.
730-14.04	MICROLOOP MODEL 701	L.F.
730-14.10	PREFORMED DETECTION LOOP (6FT x 6FT)	EACH
730-14.11	PREFORMED DETECTION LOOP	EACH
730-14.12	PREFORMED DETECTION LOOP	EACH