

TMS – ITS Approved Products List

Loop Detector Sealant

The following provisions shall apply to the sealant used for roadway vehicle detection loops being installed in pavement saw cuts:

- A.** Shall be able to be used in both asphalt and concrete pavement
- B.** Measuring or mixing in the field shall not be required.
- C.** Shall be self smoothing when applied.
- D.** Sealant shall not run to low spots as a result of sloping or grading of the roadway.
- E.** Shall have natural curing properties that react with any moisture present to provide a rubber that is resistant to weather, oils, gasoline, antifreeze, brake fluid, and road salt.
- F.** Shall be tack free within twenty four hours from time of application and when cured.
- G.** Shall not become brittle with age or temperature extremes.
- H.** Once cured, it shall possess the following minimum performance characteristics:
 - Tensile strength: 750 PSI
 - Elongation: 325 percent.
 - Hardness: Shore A, 70
 - Arc Resistance : 70 seconds
 - Dielectric Constant: 6 @ 50 Hz, 4.25 @ 500 KHz