



PAVEMENT MARKING TAPES

PERMANENT AND TEMPORARY

SWARCO's pavement marking tapes are cold-applied, preformed materials that are supplied in continuous rolls of various lengths and widths. Pavement marking tapes have an advantage over sprayed or extruded materials in that they do not require expensive application equipment or experienced operators to install, and require no drying or curing time. While tapes have a higher initial cost than other materials, the service lives are usually superior to most other materials making them a cost-effective choice in locations with high traffic.

Pavement marking tapes are classified by expected service life and material composition into either permanent or temporary (removable and non-removable) categories.

PERMANENT PAVEMENT MARKING TAPES

Permanent pavement marking tapes are manufactured with a factory applied durable reflective topcoat and pressure sensitive adhesive system. They are designed to be long-term durable roadmarkings capable of providing 5 to 8+ years of service life depending on the traffic environment. Swarco's DIRECTOR SERIES permanent tapes are made from a blend of polymeric resins, pigments, fillers and glass beads that give the markings excellent reflectivity, prolonged durability and positive guidance for the motoring public. Ideal for marking edgelines, centerlines, legends and symbols.



TEMPORARY PAVEMENT MARKING TAPES

Temporary pavement marking tapes are typically used for short-term applications such as work zones. Swarco manufactures two types:

Removable Tapes are designed to be installed in work zones where temporary re-routing of the traffic is required. Upon project completion, temporary removable tapes are designed to be pulled from the roadway prior to installation of permanent markings. Typical service life for removable tapes is 1 to 6 months depending on the duration of the construction project.

Temporary Non-Removable tapes are the most economical marking tape used to provide temporary reflective markings. They come ready to install "out of the box". These tapes are often used for short term markings in construction zones, resurfacing projects and other road repair applications that require a short term marking for 1 or 2 days up to 6+ months.

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PERMANENT PAVEMENT MARKING TAPES



DIRECTOR-60

Director-60 is the tape of choice for durable, highly reflective, pliant polymer pavement markings. A factory applied reflective topcoat and aggressive adhesive to maximize bond provide easy to install durable permanent markings. Director-60 is available in rolls and MUTCD compliant legends/symbols in white and yellow. Director 60 is easy to install and requires no specialized equipment. Ideal for edgeline, centerline, legends and symbols permanent roadway markings.



DIRECTOR-60HPT (High Performance Tape)

Director-60HPT is manufactured using Swarco's state of the art reflective glass bead systems combined with a extremely durable, high end polyurethane coating technology to provide the best long term pavement marking tape system Swarco has to offer. The extremely durable topcoat serves as the anchor for our bead system to provide long lasting highly reflective road markings. Where specifications require long-term sustained reflectivity, Director-60HPT is a viable option for government agencies and professional roadmarking contractors.

TEMPORARY PAVEMENT MARKING TAPES



DIRECTOR-2 (Removable)

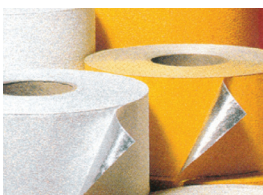
Director-2 is the perfect solution for construction areas where the traffic flow needs to be temporarily re-routed or shifted while work is being performed on the road. A highly reflective topcoat with factory applied adhesive provide excellent day and nighttime motorist guidance through construction zones. Easily installed, Director-2 has been an industry staple for nearly 20 years.

Director-2 Black-Out is a non-reflective removable tape. It is applied over existing permanent markings to mask them and allow work zones to be temporarily rerouted as required by the project plans. Once the project is complete, Director-2 Black-Out is removed, allowing the original permanent markings be revealed and put back into service.



DIRECTOR-2WR (Wet Reflective Removable)

Director-2WR Temporary Removable Tape is the next generation of temporary removable tapes that provide improved dry reflectivity and enhanced wet night visibility to safely guide motorists through dangerous construction zones. Once the project is complete, Director-2WR is easily removed allowing normal traffic flows to continue.



VISA-LINE (Foil-Back)

Visa-Line is a highly economical solution when short-term temporary pavement markings are needed for construction or road repair. The pre-applied pressure sensitive adhesive on the conformable aluminum backing provides excellent bonding to most roadway surfaces. Just place on the roadway and tamp with your foot or a vehicle tire is all that is needed to apply to surface.

Visa-Line is available in two grades:

- Construction Grade- is the most economical temporary tape and is used more often in remote locations when the speed of repairs or assignment of marking crews is impractical.
- Engineer Grade- is highly reflective with a thicker matrix and binder system for greater durability and is used for longer term temporary applications where higher reflectivity is desired.

All statements, technical information and recommendations contained herein are based on tests believed to be reliable. The accuracy or completeness thereof is not guaranteed and the user shall determine the suitability of the product for the intended use and assumes all risk and liability whatsoever in connection therewith.

WARRANTY: The following is made in lieu of all warranties, expressed or implied: Seller's and manufacturer's only obligation shall be to replace such quantity of the product proven to be defective. Neither seller nor manufacturer shall be liable for any injury, loss, or damage, direct or consequential, arising from the use, or the inability to use the product. Before using, user shall determine the suitability of the product for his intended use, and user assumes all risk and liability, whatsoever, in connection therewith. The foregoing may not be changed except by written agreement signed by an officer of the manufacturer.