

Transportation Safety Division

3M™ Stamark™ High Performance Masking Tape A385-ES

Product Bulletin A385-ES
June 2020

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1 Description

3M™ Stamark™ High Performance Masking Tape A385-ES (“Tape”) is a pavement masking tape that forms a durable, conformable, weather resistant, matte black (non-reflective), skid and tear resistant pavement marking with a preformed, diamond, surface texture pattern. The Tape can be used to mask inlay markings or overlay markings on most asphalt and concrete pavement surfaces in good condition.

The Tape enables “Extended Season” applications due to the incorporation of an improved pressure sensitive adhesive (“PSA”) package on its bottom surface. When applied during the standard application season, as defined in the [3M Stamark Pavement Markings Tapes Climate Guide](#), Tape does not require the use of a 3M Stamark surface preparation adhesive.

1.1 Product Features

- o Durable and conformable to pavement
- o Embedded net provides increased tear resistance
- o PSA on bottom surface
- o No surface preparation adhesive required when applied within standard tape application season as defined by the [3M Stamark Pavement Markings Tapes Climate Guide](#)
- o Can be applied early and late season, down to 40 °F (4 °C), when a 3M Stamark surface preparation adhesive is used
- o Abrasion-resistant microcrystalline ceramic beads bonded in a highly durable polyurethane topcoat
- o Manufactured without the use of heavy metals, lead chromate pigments, or other similar, lead-containing chemicals
- o Patterned textured surface
- o Nominal total thickness of 0.090 in. (2.3 mm)

2 Specifications

2.1 Color

The tape has a matte black (non-reflective) appearance under both daytime and nighttime lighting conditions.

2.2 Skid Resistance

The surface of the Tape provides an initial average skid resistance value of 45 BPN when tested according to the procedure of ASTM E303, subject to the following modification:

- o Skid resistance is calculated as the average of two measurements taken at an angle of 45° from one another.

2.3 Patchability

Snow removal equipment and heavy traffic may cause wear and damage to Tape. Such damaged areas can be repaired using patches made of Tape. Remove damaged Tape and replace it according to the instructions presented in the “Overlay Applications” section of [3M Information Folder 5.7](#).

3 Application

Tape should be installed according to the instructions presented in the appropriate section of [3M Information Folder 5.7](#).

4 Durability

The durability of Tape depends on several environmental and traffic conditions, including, but not limited to, snow removal practices, application techniques used, and pavement and atmospheric conditions at the time of application. It is recommended that the customer thoroughly evaluate Tape under the conditions present at the installation location prior to large-scale implementation.

5 Storage

Store indoors, in a cool, dry area. Use within one year of receipt.

6 Health and Safety Information

Read all health hazard, precautionary, and first aid statements found in the Safety Data Sheets (SDS) and Article Information Sheets for important health, safety, and environmental information. To obtain SDSs and Article Information Sheets for 3M products, go to 3M.com/SDS, contact 3M by mail, or for urgent requests call 1-800-364-3577.

7 Warranty Information

7.1 3M Basic Product Warranty

Tape is warranted to be free of defects in materials and manufacture at the time of shipment and to meet the specifications stated in this product bulletin ("3M Basic Warranty").

7.2 Exclusive Limited Remedy

If the Tape is proven not to have met the 3M Basic Warranty on its shipment date, then a buyer's exclusive remedy, and 3M's sole obligation, at 3M's option, will be replacement of the Tape only.

7.3 Disclaimer

THE 3M WARRANTY IS MADE IN LIEU OF ALL OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE, OR ANY IMPLIED WARRANTY ARISING OUT OF A COURSE OF DEALING OR OF PERFORMANCE, CUSTOM, OR USAGE OF TRADE.

7.4 Limitation of Liability

Except for the limited remedy stated above, and except where prohibited by law, 3M will not be liable for any loss or damage arising from the Tape or any 3M product, whether direct, indirect, special, incidental, or consequential damages (including but not limited to lost profits, business, or revenue in any way), regardless of the legal theory asserted including warranty, contract, negligence, or strict liability.

8 Other Product Information

Always confirm that you have the most current version of the applicable product bulletin, information folder, or other product information from 3M's Website at <http://www.3M.com/roadsafety>.

9 Literature References

- [3M IF 5.2](#) Highway Tape Applicator (HTA)
- [3M IF 5.7](#) 3M™ Stamark™ Tapes Pavement Surface Preparation and Application Techniques
- [3M IF 5.18](#) Application Guidelines for Pavement Markings in Grooved Pavement Surfaces
- [3M™ Stamark™ Pavement Markings Tapes Climate Guide](#)

ASTM Test Methods are available from ASTM International, West Conshohocken, PA.

For Information or Assistance

Call: 1-800-553-1380

In Canada Call:

1-800-3M HELPS (1-800-364-3577)

Internet:

<http://www.3M.com/roadsafety>

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Transportation Safety Division

3M Center, Building 0225-04-N-14
St. Paul, MN 55144-1000 USA

Phone 1-800-553-1380

Web [3M.com/roadsafety](http://www.3M.com/roadsafety)

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