

Description

3M™ Stamark™ Removable Tape 715IR, Black (“715IR”) is used to cover existing pavement markings for temporary traffic diversion during highway work zone construction. It can serve as a temporary mask or contrast marking for lane lines, edge lines, hash, and gore markings. 715IR should be wide enough to cover existing markings with a single taped line. It is designed to perform for the duration of a normal construction season. It is NOT intended for multi-year applications.

715IR should only be installed according to the instructions in this product bulletin and the relevant sections of [3M Information Folder 3.2](#).

Tape Features and Advantages

- Durable, conformable, matte black top surface
- Removable largely intact or in large pieces under most conditions
- Made of polymeric materials and pigments with skid-resistant particles
- Bottom surface coated with a pressure sensitive adhesive
- Increased tear resistance compared to traditional 3M removable pavement marking tapes
- Faster removal speeds compared to traditional 3M removable pavement marking tapes (up to 3 mph)
- Easy to apply and remove by hand or by machine
- Leaves no permanent marks on road surface

Specifications

Adhesion and Tensile Strength

715IR offers improved removability compared to traditional 3M removable pavement marking tapes, due to its combination of adhesive and tensile strength properties, presented in Table 1. This combination of adhesive and tensile strengths provide greater tear resistance and enable significantly faster removal speeds compared to traditional 3M removable pavement marking tapes.

Table A. Minimum peel adhesion and tensile strength

Property	Minimum Value	Test Method	Substrate	Sample Geometry	Strain Rate
Peel adhesion	10 lbf/in.	ASTM D3330, Method F	Stainless steel	N/A	12 in./min
Tensile strength	1300 PSI	ASTM D638	N/A	Type 1	12 in./min

Skid Resistance

The surface of 715IR provides a minimum initial average skid resistance value of 60 BPN when tested in accordance with ASTM E303.

Application Conditions

715IR should only be installed to surfaces conforming to the [3M Road Surface Guide](#) and according to the instructions presented in this product bulletin and the relevant sections of [3M Information Folder 3.2](#). Areas that have been newly marked with 715IR can be opened to traffic immediately following its application. Pavement surfaces must be clean and dry during application.

General Application Conditions

- Minimum air and pavement temperatures are 50°F (10°C) and rising.
- Pavement surface must be clean and dry.
- Do NOT use any surface preparation adhesive with 715IR.

Storage and Shelf Life

715IR should be stored indoors in a cool, dry area and used within one year of the date of manufacture.

3M Related Literature

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.mmm.com/roadsafety>.

- [3M Information Folder 3.2](#) 3M™ Stamark™ Removable Tapes Pavement Surface Preparation and Application Procedures
- [3M Information Folder 5.2](#) 3M™ Highway Tape Applicator (HTA)
- [3M Road Surface Guide](#)

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

Health and Safety

Chemicals

When handling any chemical products, read the manufacturers' container labels and the Safety Data Sheets (SDS) for important health, safety, and environmental information.

[Follow this link to obtain SDS sheets for 3M products.](#)

[Follow this link to obtain information about substances of very high concern \(SVHC\) for EU products.](#)

Tools and Equipment Usage

When using any equipment, always follow the manufacturer's instructions for safe operation.

Warranty Information

Technical Information

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Product Selection and Use

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Commercial Branding and Transportation

3M Center, Building 223-3N-30
St. Paul, MN 55144

1-800-553-1380
3M.com/roadsafety

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