Application: 3M[™] Knifeless Tape

Product Bulletin Knifeless Tape

Release A, September 2016

Finish Line Perf Line Bridge Line Design Line Tri Line Precision Line PPF Line

Product Description

These tools can cut cleanly without risk of damaging substrates.

Quick Links Graphics Installation Programs Technical Information Selector Safety Data Sheets (SDS) Videos

Picture	Product	Description
	Finish Line	 Cuts most vinyl wrap films. Patented design turns easily in any direction to follow contours and curves. For single or multiple vinyl layer applications.
	Perf Line	 Use to cut laminated perforated window films and create a uniform relief cut along rubber molding before applying edge-sealing tape. Can be used to bridge tight gaps and trimming.
	Bridge Line	 Used to achieve clean and uniform cuts in wide gaps between doors, fenders and rubber moldings. For single or multiple vinyl layer applications.
	Design Line	 Create striping, accents and designs instead of using a knife or plotter. Stretches slightly and turns easily in any direction. Tape can be broken with hands for faster application. For single layer vinyl applications.
	Tri Line	 Create pinstripes, gaps and butt seams instead of using a knife or plotter. Create different widths using 6mm, 9mm or a combination of both. Stretches slightly and turns easily in any direction. Tape can be broken with hands for faster application. For single layer vinyl applications.



	Precision Line	 Sharp filament cuts reflective, metallic, chrome, dryerase and 3M[™] DI-NOC[™] films, plus all other vinyl and non-vinyl films. Turns easily in any direction to follow contours and curves. For single or multiple layer applications.
Although a second se	PPF Line	 Sharp filament cuts paint protection films and vinyl window films. Combining the cover tape and the cutting tape makes film more rigid, ensuring razor-sharp edges. Conforms around contours and curves. For single or multiple layer applications.

Product Features

When used in combination with 3M vehicle wrap films, Knifeless Tape technology enables installers to create imaginative, one-of-a-kind works of art on vehicles:

- Replaces knife cutting during installation
- Eliminates surface damage from blades
- Allows more design creativity
- Ideal for many complex shapes and irregular surfaces

Recommended Types of Graphics and End Uses

- Knifeless Tape has been specifically designed to operate with the stretchable adhesive films which are laid over contoured shapes with curved edges and contains novel features that allow the tape to turn easily and both directions.
- · Can be used with most 3M cast films for vehicles, windows and walls
- Can be used for trimming:
 - around mirrors
 - door handles and all mouldings
 - around doors and hatched openings
 - across rubber seals
 - window coverings prior to application of seal tapes

(i) IMPORTANT NOTE

Do not subject Knifeless Tape to outdoor applications or prolonged periods of sunlight as tape may become difficult to remove.

A CAUTION

Handle any Knifeless Tape with care. DO NOT wrap around fingers or hand during the trimming operation or during the start of the trimming operation. Dispose of filament immediately after use.

Characteristics

Physical Characteristics

Characteristic	Value
Temperature Use Range	Up to 212 °F (100 °C)
Backing Adhesive	Acrylic
Color of Carrier Tape	Finish Line, Perf Line, Bridge Line, Design Line, Tri Line: Semi-Transparent Green Precision Line: Semi-Transparent Blue PPF Line: Clear

Warranty Information

3M Basic Product Warranty

3M Graphics Products are warranted to be free of defects in materials and manufacture at the time of shipment and to meet the specifications stated in its applicable 3M Graphics Product Bulletin and as further set forth in the <u>3M Graphics Warranties Bulletin</u>.

Limited Remedy

The limited remedy applicable to each warranty is addressed in the 3M Graphics Warranties Bulletin found at <u>3MGraphics.com/warranties</u>.

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Graphics Manufacturing



Before using any equipment, always read the manufacturer's instructions for safe operation.

Application and Installation

In addition to other 3M Bulletins specified in this document, the following Bulletins provide details that you may need to successfully apply a graphic.

- <u>3M Instruction Bulletin 4.1</u> Sheeting, Scoring and Film Cutting
- <u>3M Instruction Bulletin 5.36</u>. Application Techniques for Automobiles, Vans and Buses. Complete the 3M Pre-Installation Inspection Record found in this Instruction Bulletin prior to manufacturing or applying a graphic to an automobile, van, or bus.
- <u>3M Instruction Bulletin 5.37</u> A Guide to Understanding and Applying Graphics to Common Smooth and Textured Wall Surfaces
- <u>3M Instruction Bulletin 5.42</u>. Application, Special Considerations for Watercraft. Complete the 3M Pre-Installation Inspection Record found in this Instruction Bulletin prior to manufacturing or applying a graphic to a watercraft.

Shelf Life and Storage

Shelf Life

To obtain the best performance, use this product within 12 months from the date of manufacture.

Storage

Store under normal conditions of 70 °F (21 °C) and 50% R.H. in the original carton.

Health and Safety



When handling any chemical products, read the manufacturer's container labels and the Safety Data Sheets (SDS) for important health, safety and environmental information. To obtain SDS sheets for 3M products go to <u>3M.com/SDS</u>, or by mail or in case of an emergency, call 1-800-364-3577 or 1-651-737-6501.

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

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