







Overview

- This bulletin is specifically for the application of 3M™ Knifeless™ Tape.
- Obtain and use the most current supporting product and instruction bulletins referenced in this bulletin.
- Ensure each installer reads and understands this bulletin before beginning.
- Follow each step in the order given. Do NOT take short cuts.

Product Line

These tools cut cleanly and reduce the risk of damaging the underlying substrate. See [Product Bulletin 3M™ Knifeless™ Tape](#) for complete product details.

Picture	Product	Description
	Finish Line	<ul style="list-style-type: none"> • Cuts most vinyl wrap films • Patented design turns easily in any direction to follow contours and curves • For single or multiple vinyl layer applications • Best for non-visible cuts (i.e. door jamb, trunk lid, etc.) • Requires knife or scissors to cut the tape
	Perf Line	<ul style="list-style-type: none"> • Used to cut laminated perforated window films and create a uniform relief cut along rubber molding prior to applying edge-sealing tape • Can be used to bridge tight gaps and trimming • Best for non-visible cuts (i.e. door jamb, trunk lid, etc.) • Requires knife or scissors to cut the tape
	Bridge Line	<ul style="list-style-type: none"> • Used to achieve clean and uniform cuts in wide gaps between doors, fenders, and rubber moldings • For single or multiple vinyl layer applications • Best for non-visible cuts (i.e. door jamb, trunk lid, etc.) • Requires knife or scissors to cut the tape
	Design Line	<ul style="list-style-type: none"> • Creates striping, accents, and designs • Stretches slightly and turns easily in any direction • Can be broken with hands for faster application • For single layer vinyl applications
	Tri Line	<ul style="list-style-type: none"> • Creates pinstripes, gaps, and butt seams • Creates different widths using 6 mm, 9 mm, or a combination of both tapes • Stretches slightly and turns easily in any direction • Can be broken with hands for faster application • For single layer vinyl applications
	Precision Line	<ul style="list-style-type: none"> • Sharp filament cuts reflective, metallic, chrome, dry erase, and 3M™ DI-NOC™ films, plus all other vinyl and non-vinyl films • Turns easily in any direction to follow contours and curves • Adhesive layer prevents the wire filament from contacting the application surface • Can be broken with hands for faster application • For single or multiple layer applications

NOTE

Do NOT subject 3M™ Knifeless™ Tape to outdoor applications or prolonged periods of sunlight as the tape may become difficult to remove.



CAUTION

Handle any 3M™ Knifeless™ Tape with care, as the filament may present a cut hazard if the user wraps it around their fingers or hands during the trimming operation or during the start of the trimming operation. Dispose of the filament immediately after use.

How to Start 3M™ Knifeless™ Tape

1. Apply 3M™ Knifeless™ Tape 6 to 8 in. (15.2 to 20.3 cm) before the area where the graphic will be cut, and another 6 to 8 in. (15.2 to 20.3 cm) after the application area.
2. Apply the film over the tape, leaving the lead and tail tape visible. (See Figure 1.)
3. Fold the start of the tape back over itself approximately 3 in. (7.6 cm). Press your thumb firmly on the folded edge, covering at least 0.5 in. (1.3 cm) of tape. (See Figure 2.)

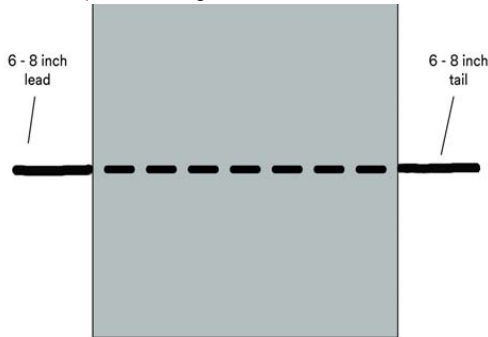


Figure 1.

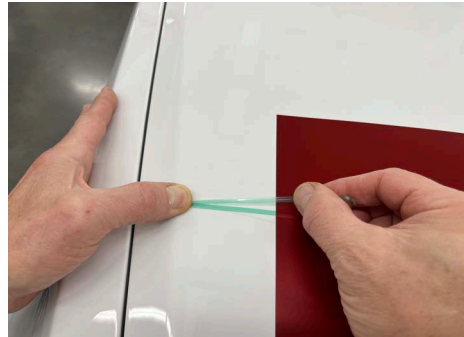


Figure 2.

4. Firmly grasp the end of the tape with your thumb and index finger. Start with your two thumbs 0.5 in. (1.3 cm) apart. (See Figure 3.)
5. Bring your thumbs together and give the tape a quick snap, breaking the carrier tape and exposing the filament. (See Figure 4.)
6. Pull the filament back and not upward, stopping just before the edge of the graphic.



Figure 3.

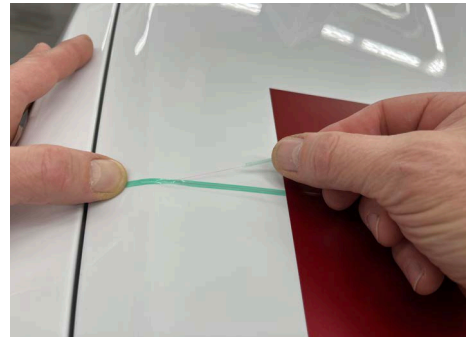


Figure 4.

7. Fold the filament over the graphic. Press your thumb over both the filament and the graphic edge as shown in Figure 5.
8. Gently tug the filament to start cutting the graphic.
9. Continue cutting by pulling the filament back and not upward.
10. Remove the carrier tape from under the film. The Finish Line, Perf Line, Bridge Line, and Design Line carriers will remove in two pieces, and the Tri Line Carrier will remove in up to four pieces.

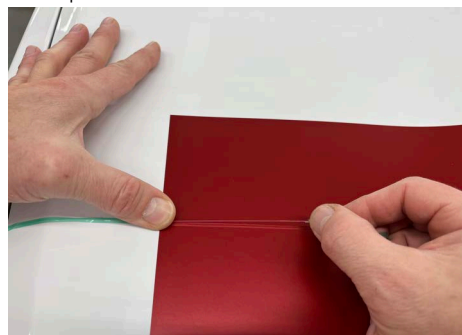


Figure 5.

11. Heat the edges of the cut film and reapply the film edges with firm pressure from a squeegee.

How to Start 3M™ Knifeless™ Tape Precision Line

1. Apply 3M™ Knifeless™ Tape Precision Line 6 in. to 8 in. (15.2 to 20.3 cm) before the area where the graphic will be cut, and another 6 to 8 in. (15.2 to 20.3 cm) after the application area.
2. Apply the film over the tape, leaving the lead and tail tape visible. (See Figure 6.)
3. Apply Scotch™ 218 Fine Line Tape 1/4 in. (Part Number 7000028866) over the Precision Line applied in Step 1 when installing paint protection film.
4. Fold the start of the tape back over itself approximately 3 in. (7.6 cm). Press your thumb firmly on the folded edge, covering at least 1/2 in. (1.3 cm) of tape. (See Figure 7.)

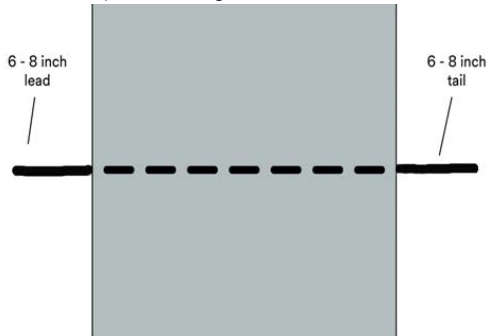


Figure 6.

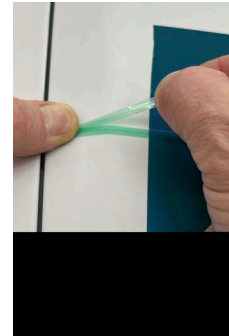


Figure 7.

5. Firmly grasp the end of the tape with your thumb and index finger, positioning your two thumbs close together to start the filament as shown in Figure 8. Gently pull the line to tear the carrier tape and expose the filament. Pull the line back and not upward (see Figure 9), stopping before the edge of the graphic.

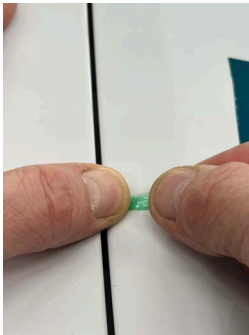


Figure 8.

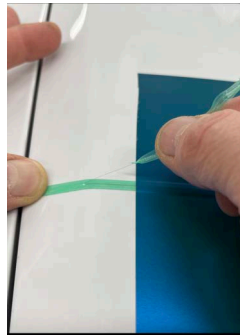


Figure 9.

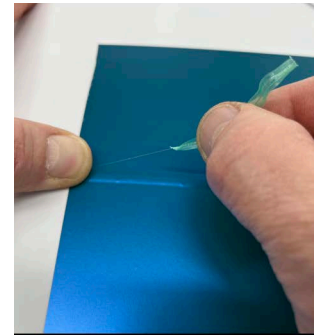


Figure 10.

6. Fold the filament over the graphic. Press your thumb over both the filament and the graphic edge as shown in Figure 10.
7. Gently tug the filament to start cutting into the graphic.
8. Continue cutting by pulling the line back and not upward.
9. Remove the carrier tape from under the film. The Precision Line carrier should remove in one piece.
10. Heat the edges of the cut film and reapply the film edges with firm pressure from a squeegee.

Commercial Solutions Course Catalog

See the [3M Commercial Solutions Course Catalog](#) for more information on how to use 3M™ Knifeless™ Tape.

Health and Safety

Tools and Equipment Usage

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

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.](#)

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Commercial Branding and Transportation

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