



Smoothline Paint Masking Tape

At last! A fast, easy-to-use, conforming tape designed to eliminate hard, rough paint lines and create soft, smooth transitions in automotive, marine and aircraft paints & coatings.

TurboTape Smoothline eliminates hard paint lines in jams, on panels, along body seams and trunk lines or anywhere you need a soft edge or a smooth transition in both thin & thicker coatings. Our original TurboTape SmoothLine is now available in both 1/16" and 1/8" thicknesses and is spooled onto reels. Both have a 45-degree beveled edge overhanging cut that allow coatings to feather off naturally under & along this shadowed zone or area. It is a conformal back-tape with an aerospace-grade repositionable adhesive that offers consistent results every time.



Closeup of SL-062-30. Coils strips can be used side-by-side and removed in order.

Eliminates Hard Paint Lines!

SL-062-30 with included dispenser shown here

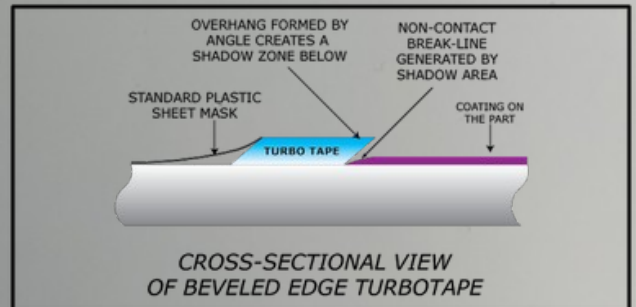


< Competitor's Tape

TurboTape SmoothLine turns corners around the competitor's tape. It's 3X thicker and has a protective liner.

TurboTape SmoothLine saves time and money:

- Less Sanding
- Less Buffing
- Less Materials
- Less Re-Work



Part Number	Description	Edge Angle	Adhesive Width	Mask Thickness	Total Reel Length
SL-.125-40	SmoothLine Tape 1/8" x 50' on 7" reels	45	.25"	.125"	40 Feet 2 x 20' Coils
SL-.0625-30	SmoothLine Tape 1/16" x 30' on 5" reels	45	.17"	.0625"	30 Feet 3 x 10' Coils
SL-.0625-120	SmoothLine Tape 1/16" x 120' on 7" reels	45	.17"	.0625"	120 Feet 3 x 40' Coils

New thicknesses and reel lengths:



GUIDE TO ELIMINATING HARD PAINT LINES

Why Conventional Masking Leaves Hard Lines

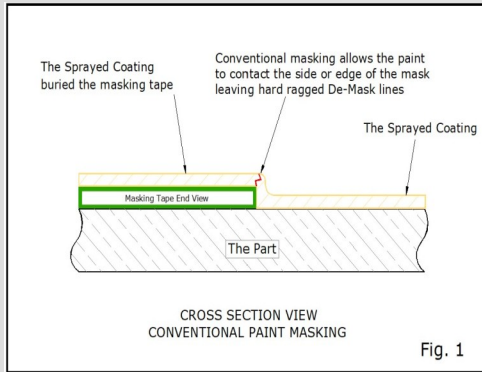
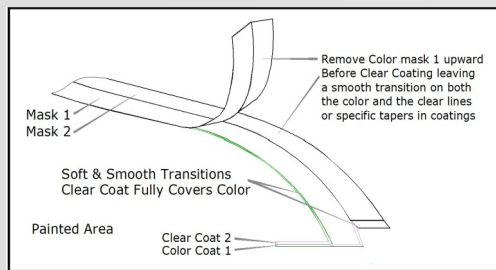


Fig. 1 is a cross-section showing a conventional masking tape on a part. Being that the coating buries the mask and contacts the lateral edge as well, the masking will always leave a hard paint line when removed. Even vinyl tapes leave a raised blunt edge that may appear to be a sharp color change, but it is not a smooth transition or soft paint edge but is known as a "hard paint line".

Why SmoothLine Makes Smooth Transitions

To the right is a coupon sprayed orange onto black to demonstrate the resulting paint lines from the three shown masking types. Both **TurboTape SmoothLine** masks used resulted in a soft edge in the paint (and will leave a smooth transition in industrial coatings as well). Why? The shadow zone created under the beveled edge cut stopped the paint from touching the side of the masking. This allowed the paint to feather off or blend-in naturally all along this shadowed zone unlike the masking tape line. Note: As the thickness of the Smoothline mask increases, so does the width of the shadow zone allowing for a wider blending area.



The left diagram shows how **TurboTape SmoothLine** can be used side-by-side for any base-coat/clear-coat application. Use as a pair of masks to allow for a full clear coat over the color blend line, and still leave a smooth transition on the clear blend line. All on the same prep & shoot for much faster repairs due to less hard line re-work.

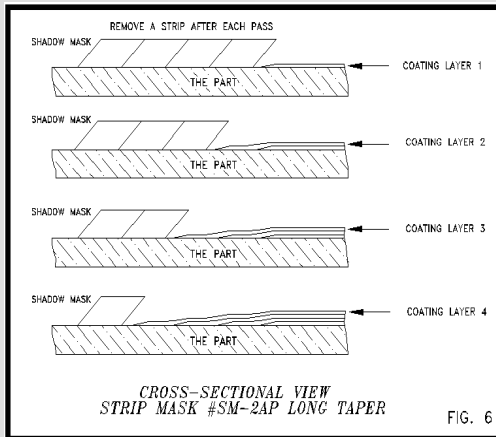
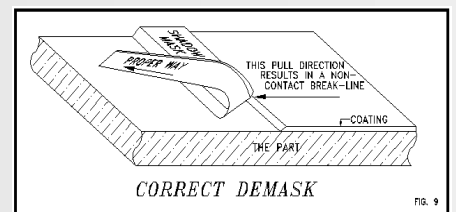
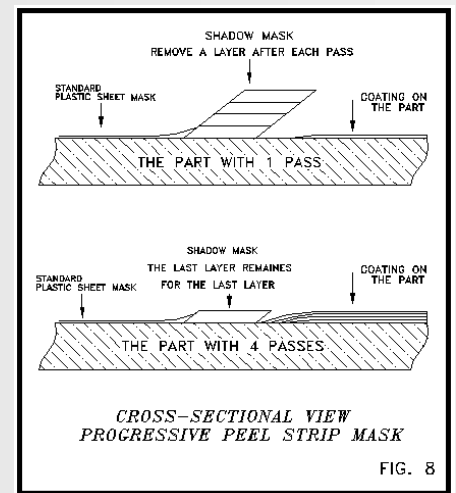


Fig. 6 shows how multiple side-by-side SmoothLine rows can be used to create specific longer geometric tapers into coatings that are applied in multiple passes. With our clean release adhesive system, certain strips can be removed in process to accomplish this. The newer narrow width .17" & .25" wide SmoothLine tapes facilitate this method in less space than ever before.

Another progressive peel masking method is shown to the upper right in **Fig. 8**. This method creates a smooth transition in thicker coatings over even shorter distances. It is typically used for thicker multi-pass industrial coatings with automated application methods. The top mask layer is removed at certain spray intervals with the bottom layer remaining tough out the process. In **Fig. 9**, a wet DE-masking pull direction of up and away to avoid break line contact.



The visible hard-paint line in a door jamb is a certain sign that a repair has been made to the vehicle. To make near invisible blend lines in jams and to help speed up repairs, the two new sizes of **TurboTape SmoothLine** are designed to fit onto the limited space available in newer vehicle door jambs. It is typically best to terminate a refinish line as close to the outer panel as possible to limit the amount of refinish required within the jamb. The objective of TurboTape SmoothLine is to nearly eliminate the resulting refinish hard paint line on the jamb surface but can also be used to help seal. The diagrams below show the typical jamb configuration on today's vehicles. The location shown for the placement of the SmoothLine masking is approximate and depends on field conditions, makes, and models. The side-by-side strips progressive peel method shown above will provide the most constant results if both primer and color need to wrap the corner. With just a color and clear wrap, one outer strip will leave a soft edge. The 45-degree beveled-edge cut has no exposed adhesive edge that paint can ramp up, so coatings feather off making a smooth transition.

