



**Tip: Rough Cut Splicing Larger Windows**  
**Reference: TMT 012 Revision 001**

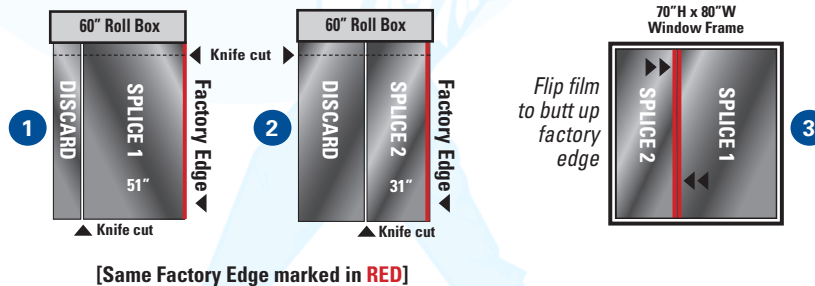
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Back in the day when I first started out in the business, residential/commercial building windows were not as large as they are today. As windows started to get larger and with the standard window film size at the time being only 60", many installations required splicing. Even now windows are getting larger and larger; some windows are even in excess of 72". The larger the window the more challenging the install. I for one am always up for a challenge.

The most important thing to remember when creating the rough cut splice patterns is to use the same factory edge to overlap the films. No matter how wide the film is you are using, the color of the film will vary slightly across the width, one side will always be a bit lighter than the other. This color variation is just a normal part of the raw film manufacturing process. The color difference can not be seen when looking at the film in one piece and examining each edge, it can only be seen when the edges are placed against each other and then it can and will be extremely noticeable.

To ensure that you get the factory edges matched up, you will need to flip the second piece of film 180°. This will ensure that you have the product positioned factory edge to factory edge. This is true even on the clear films, including Security film. Another item of importance is to always hide the splice behind the blinds, curtains, bushes or any other obstacle to help to keep it out of the primary line of sight. If the splice needs to be horizontal, position it above eye level.

If the window was 70"H x 80"W, I make the rough cuts right out of the box, see the example below:



I have also found that you need to avoid installing film in direct sunlight, as heat causes the adhesive to tack onto the glass leaving glue under the film. Make sure you always use a ruler or straight edge when making the splice, to remove the waste created by the overlap. While removing the waste, spray the film that is being pulled off. Squeegee out the water from the splice, carefully bumping the splice with a hard card wrapped in a paper towel.

The ability to execute a flawless splice can be a big benefit in this business. Splices, if executed correctly, can help you to win bids on larger buildings, thus increasing your profitability and reputation.

Now take a step back and examine all your handiwork, you will be able to say "I took the large window challenge and won".



Best Regards,

**THE TINT MAN**

