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Thank you for choosing a Soles2dance product. Here are instructions on how to work with the **RETCH-3M adhesive transfer sheet**.

## I. Summary of Properties

There are many variants of 3M 300LSE adhesive transfer tape. You have purchased a sheet of genuine 3M adhesive, Product Number 9472. One side of this product is covered by the brown-colored, original 3M liner. The other side has a different, white-colored, non-genuine liner that we placed there in order to be able to ship the product in the form of a sheet. We cut this sheet from a large roll where the original product has only one liner.

Note that we chose the non-brand white liner carefully to meet one key requirement: it adheres to the adhesive less strongly than the brown 3M liner does. This is important because if both liners adhered to the adhesive equally, then separating the liners would leave some of the adhesive sticking to one liner and some sticking to the other liner, rendering the adhesive useless.

This specific 9472 variant of 3M 300LSE bonds extremely well with metal, wood, plastics (even those plastics that don't bond well with other glues), Acrylic, stone, hard leather, suede, fabrics, rubber, and, beware, your fingers. The adhesive layer (without liners) is 5.0 mil thick and is thus suitable not only for smooth surfaces but also for textured and/or porous surfaces. The adhesive is heat resistant for continuous exposure up to 150°F and short term (a few hours) up to 250°F.

## II. Instructions

In these instructions we presume that you have two workpieces that you want to glue together by means of the 3M adhesive transfer sheet (the adhesive sheet, in short). The general process is to remove one liner from the adhesive sheet and stick the exposed adhesive onto the first workpiece, then remove the other liner and stick the second workpiece onto the exposed adhesive. Below are detailed instructions for two different usage options. Regardless of the option, make sure your workpieces are clean and dry before you use the adhesive.

### Option A: Using the whole adhesive sheet at once

1. The white liner actually consists of a large 8.5×11" liner and an additional narrow strip of liner about 8.5×1.5" in size. The small strip covers the remaining 1 inch of the 8.5×12" adhesive sheet, but also overlaps the large liner. This overlap allows you to remove the small strip very easily, thereby exposing the 1-inch strip of adhesive that isn't covered by the white liner.
2. Carefully position the 1-inch strip of exposed adhesive over your first workpiece, but do not yet let the adhesive touch the workpiece. The exposed adhesive should be "hovering" over the workpiece.
3. Carefully adjust the position and orientation of the exposed adhesive to match exactly the area and orientation of the workpiece that the exposed adhesive should stick to.

4. If possible, make the first contact between the adhesive and the workpiece in a corner and keep that contact area as small as possible.
5. If needed, re-orient the remainder of the 1-inch exposed strip of adhesive, while that remainder is still hovering over the workpiece.
6. Once you are satisfied that the orientation of the exposed strip of adhesive is correct, roll that strip onto the workpiece.
7. Peel away from the adhesive a small corner of the large white liner that is adjacent to the already attached 1-inch strip of the adhesive.
8. Slowly and carefully peel back some more of the large liner while simultaneously rolling the adhesive sheet onto the workpiece. Do this at the same rate, at which the adhesive is being revealed as you peel back the liner.
9. Peel off the brown 3M liner and stick the exposed adhesive to the second workpiece.

### Option B: Cutting the adhesive sheet into smaller pieces

1. Cut out the pieces that you need for your project, bearing in mind that you will stick the side covered by the white liner onto your first workpiece, and the side covered by the brown 3M liner onto your second workpiece.
2. **Peel off the white liner first** and stick the exposed adhesive to the first workpiece.
3. Peel off the brown 3M liner and stick the exposed adhesive to the second workpiece.

### After the two workpieces are joined

3M 300LSE adhesive is pressure sensitive. That means that in order to get the strongest possible bond, you should press the two bonded workpieces together as strongly as possible, ideally with clamps. A few minutes will do, longer is better.

An electronic copy of this document is available at:

[http://www.soles2dance.com/v/vspfiles/downloadables/instructions/Instructions\\_RETCH-3M.pdf](http://www.soles2dance.com/v/vspfiles/downloadables/instructions/Instructions_RETCH-3M.pdf)

**Warning:** 3M 300LSE adhesive transfer tape is *extremely sticky*. Once the first protective liner is removed, do not touch the exposed adhesive with your fingers or with any object other than the surface that you want the adhesive to cover. Any object accidentally touching the adhesive will stick to the adhesive more strongly than the second liner on the other side of the adhesive does. Thus, when trying to pull away an object that is accidentally touching the adhesive, the adhesive will stick to the object and detach from the second liner instead. Reading and following the instructions on this page will help prevent you from accidentally touching the adhesive.