



Tflex HD80000 Peeling and Handling Application Note

Shelf Life:

Shelf life for Tflex HD80000 is 1 year from date of shipment at the storage conditions specified below.

Storage Conditions:

Recommended storage conditions are 0-35°C at relative humidity of 50% maximum. Store in original product packaging until ready for use.

Notes on Handling of Material:

The gap filler is designed to be easily deflected in application (high compliancy) and can therefore stretch or compress when handled.

A light diamond embossing on pad surface from removal of diamond liner is expected due to materials' high compliancy.

A light, visible and consistent residue on the liner is normal for this material and it will not affect the gap filler's performance.

Liner for Tflex HD80000 – Rough Sheets

Bottom Liner: 2 mil PET

Top Liner: 1 mil PET

Liner for Tflex HD80000 – Converted Parts

Bottom liner: Embossed (diamond) liner or diamond liner & PET combined liner

Top liner: 1mil PET liner with Laird logo or Embossed (diamond) liner

Liner option is based on customer application request.

Rough Sheet Peeling Instructions:

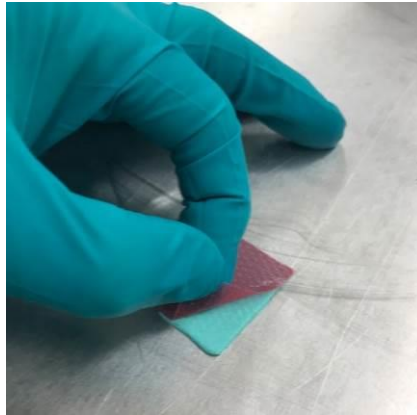
Rough sheet liners will often need to be replaced with alternate liners for converting. The following outlines proper liner removal techniques:

1. Begin by removing bottom 2 mil liner.
 - a. Flip sheet over and begin peeling at corner of sheet.
 - b. Continue to peel rough edge of sheet until the 2 mil liner is completely removed from edge.
 - c. Peel 2 mil liner in one consistent motion as close to a 180⁰ angle as possible until liner is completely removed.
 - d. Ensure that the material does not delaminate from 1 mil liner during peeling.

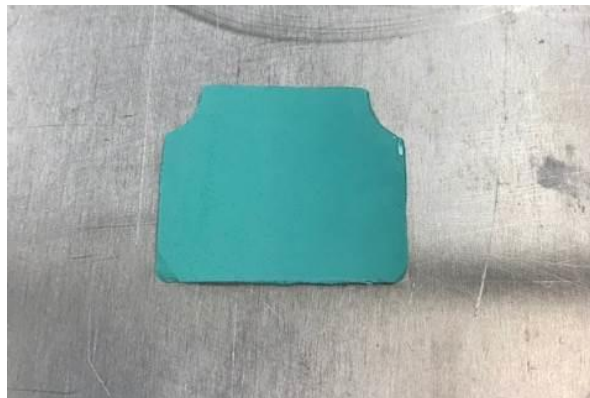
2. Replace peeled side with desired liner, such as blue diamond embossed liner.
3. Flip sheet over to begin peeling 1 mil liner (if necessary.)
4. If removal of 1 mil liner is necessary, remove similarly to 2 mil liner.
5. Replace 1 mil liner with correct replacement liner
6. Re-label sheet as necessary

Cut-Through Part Application Instructions:

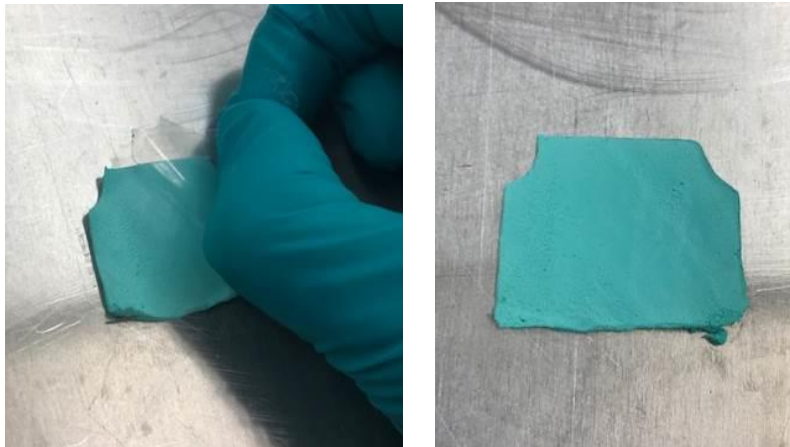
1. Remove the embossed (diamond) liner by separating it from the pad at one corner. Peel back the liner in one swift, consistent motion as close to an 180° angle as possible.



2. Place the exposed side of the gap filler on the desired substrate by applying slight force to ensure the gap filler sticks.



3. Peel off the remaining clear or embossed liner by separating it from the pad at one corner. Peel back the liner in one swift, consistent motion as close to an 180° angle as possible.



Kiss Cut Part Application Instructions:

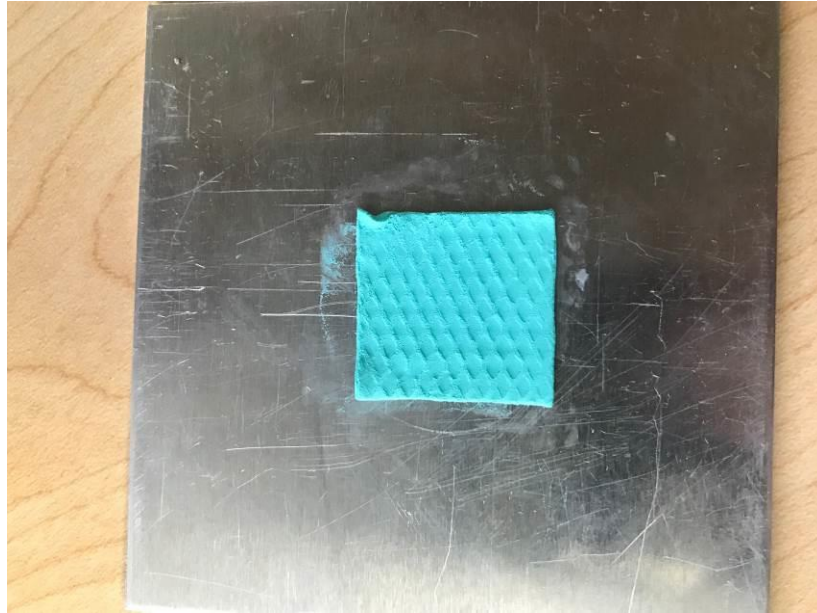
1. If top liner is not cut through, remove the top liner by separating it from the pad at one corner. Peel back the liner in one swift, consistent motion as close to an 180° angle as possible.
2. If Material has cut-through top liner, wait to peel off liner until part is separated from bottom liner



3. Peel the gap filler from the corner to make it separate from the bottom liner. Place the gap filler onto desired substrate.



4. If liner is still on part, gently press part to adhere to substrate, then pick liner from edge and peel off in a consistent motion, leaving the part on the substrate.



5. Cover the exposed gap filler with the diamond liner or continue the assembly process to avoid contamination of the surface from dust and debris.