

ThermoFlex

Media Taping Upgrade

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Revision History

Revision	Date	Author	Comments
-	October 2000	André Blignaut	Initial release

CONTENTS

Revision History i

Related documents 1

Tools and Materials Needed 1

Overview 2

Upgrade Procedure 2
Preparing the drum 2

RELATED DOCUMENTS

- Media Taping Procedure – 78-0081A

TOOLS AND MATERIALS NEEDED

- Drum Taping Upgrade Kit – 05-0178
- Utility knife
- Alcohol
- Kimwipes
- Vacuum cleaner
- Eraser

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ThermoFlex
Media Taping Upgrade

OVERVIEW

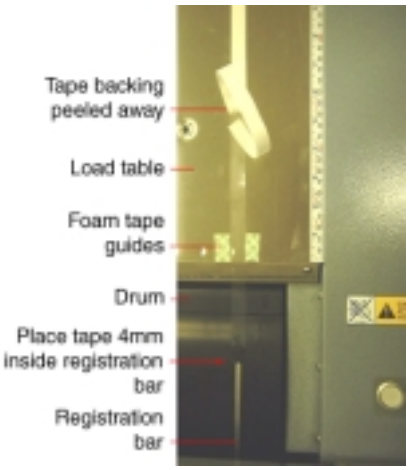
This upgrade procedure is to prevent media lift or flyoff. By reducing the air leaks around the media the drum vacuum system can more effectively hold the media on the drum. This upgrade is accompanied by a new method of taping and loading media on the drum. The new taping procedure is described in the *ThermoFlex Media Taping* document at http://intranet.creo.com/support/html/Output/ThermoFlex/proced.htm on your service CD or in the Technical Library.

UPGRADE PROCEDURE

Preparing the drum

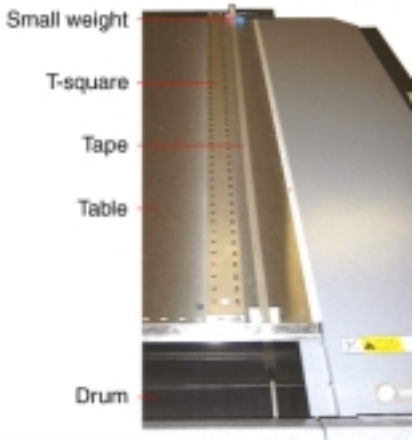
The easiest method of applying the tape to the drum is by using a technique similar to media loading.

1. To prepare the drum surface for the drum tape installation, clean the entire circumference of the home side of the drum with alcohol and kimwipes. Also clean the load table with the kimwipes.
2. Cut a 56” length of tape and place it on the table with the backing side down.
3. At the drum end of the tape, peel away a short section of the backing. Align the length of tape square to the drum axis and stick the end of the tape to the drum up against the registration bar with the away edge 4mm to the inside of the registration bar as shown in the photograph. Make a temporary mark on the table where the away side of the tape aligns. Use the double-sided foam tape to create two guide blocks on the table near the drum.



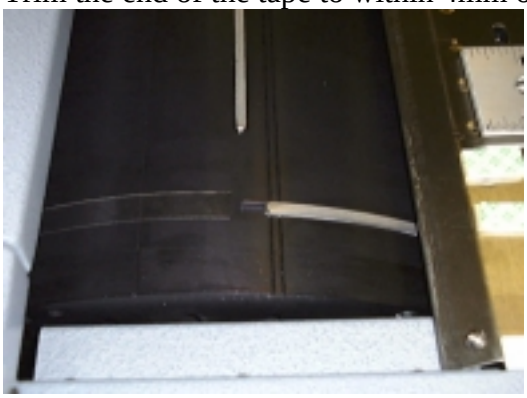
4. Lift the tape and carefully peel off the remainder of the backing except for the last 4". Lay the tape down so that it is still square to the drum – use the table edge or a T-square as a reference.

5. Place a small weight on the end of the tape where the backing is still attached to the tape (a pencil eraser works well). This will maintain light tension on the tape to prevent wrinkles and bubbles from forming as the tape is dragged onto the drum.
   Note: Do not use something heavy that will stretch the tape.



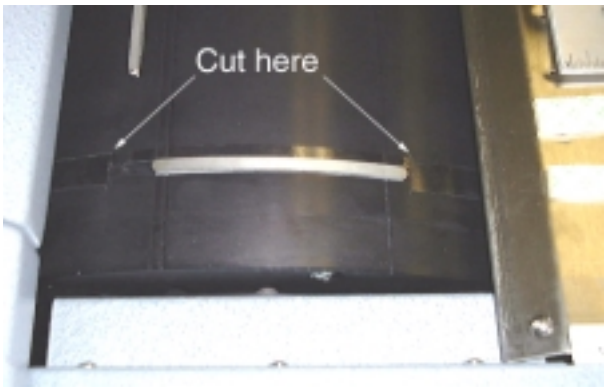
6. Slowly spin the drum using the inspect button to roll on the tape – make sure that it stays square to the axis of the drum. After the tape has been pulled onto the drum, use your finger to rub out any wrinkles or bubbles.

7. Trim the end of the tape to within 4mm of the registration bar groove.



8. Cut a 4mm wide by 5" long length of tape. Starting at the leading edge of the registration bar, stick the tape to the drum on the inside of the registration bar and over the other piece of tape already on the drum.

9. Using a sharp knife, cut both layers of tape at the overlap. Lift the narrow piece of tape up, remove the cutoff section of the wide tape and lay the narrow piece of tape down onto the drum. This will ensure a close fitting butt splice between the two pieces of tape.



Note: Check that the inside edge (away side) of the tape is square and free of defects all around the drum. This edge is crucial to the function of the vacuum holding. Remove and repeat the process if necessary with a new piece of tape.

10. Remove the syringe plunger and fill the syringe with about 1cc of adhesive.

11. Apply small amounts of adhesive to fill in the drum grooves on the home side of the tape only. Also fill in the gaps on the home side and ends of the side registration bar. Excess glue should be left to dry before attempting to remove it.
    Leave the drum with the registration bar up while the adhesive is drying so that the adhesive will not run out of the grooves.



12. Once the glue is dry – about 15 minutes - scrape off any excess glue with a sharp blade. A pencil eraser also works well to remove excess glue. Use a vacuum cleaner to suck up any debris while removing the excess glue.

13. Carry out a final inspection of the tape to ensure that:
    It is flush against the drum
    The away edge is straight and defect free
    There are no bumps in the surface of the tape