



HOW TO Service documents from APPI

Document: #HT000191

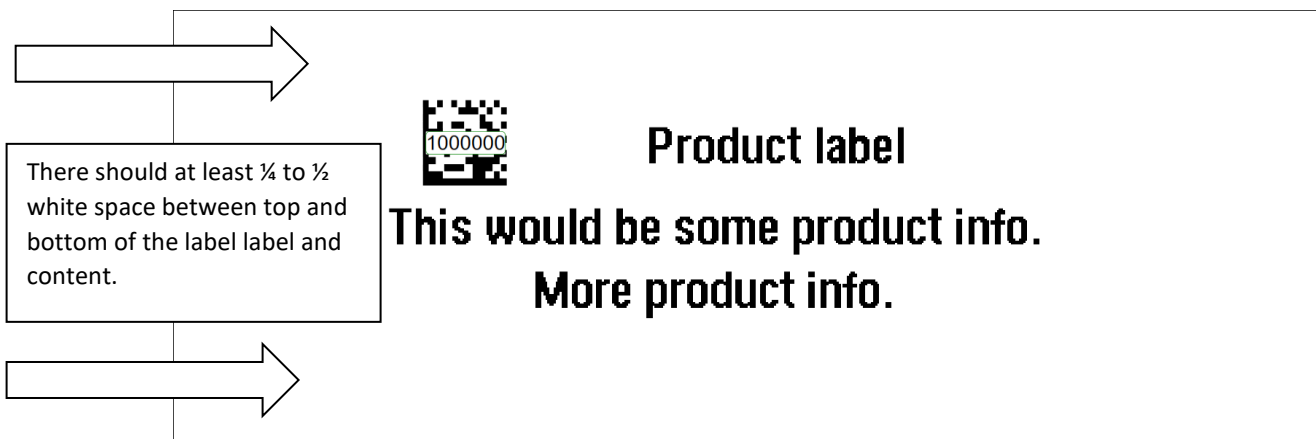
Document Title: Avoid bags being stuck on printer ribbon

Product(s): Any TIZ printer

If the bags are stuck on the printer ribbon, it can create problems with bag feeding, printer ribbon rewind, print position, etc. There are several factors that can contribute to this. They can be:

- Too high Temperature/Darkness setting in your labels. Decreasing this setting may prevent sticking.
- Too high pressure on the print head against the bags. Normally the pressure is set to between 35 to 40 psi. If your pressure is significantly higher, you may want to try to decrease this. This also leads to increased wear and tear on the printhead.
- Incorrect ribbon type. APPI only guarantees the ribbon we sell. Other ribbons may or may not work, or even cause damage to the printhead.
- Label Design. This can make bags stick to the ribbon even if the other conditions are good.

To avoid this happening from label design there needs to be open space between top and bottom edge of the label and what gets printed.



\The TIZ printer printhead lifts up the print head to let the bags pass free when not printing. The printhead ONLY press against the bag when printing.



It prints from the bottom of the label to the top. The print head comes down on the bottom border of the label. Then it lifts up again at the top edge.

If there is not sufficient white space on the bottom of the label some of the print can disappear or fade. At the top of the label the print head could lift up before it is done printing, resulting in faded top edge print.



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There needs to be enough space to make the bags and ribbon to move at the same speed, and the printhead have full pressure against the bags before printing anything. There needs to be at least ¼ to ½ inch of white space both on the top and the bottom of the label.

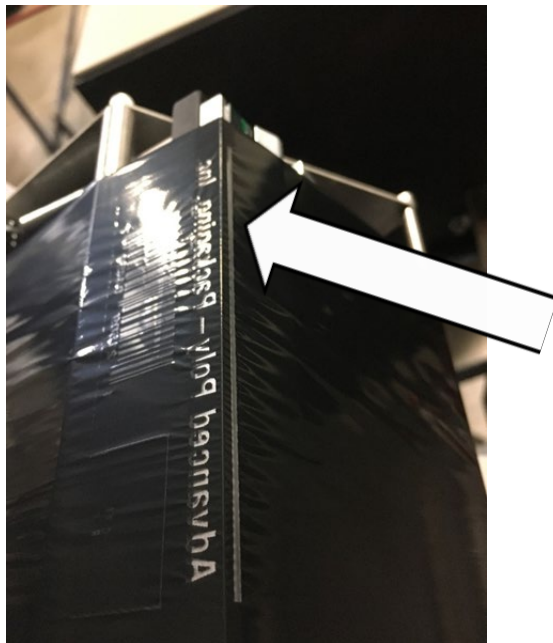
The take-up spindle does not drive the ribbon. The ribbon is driven by the friction between the print head and the bags. The take-up spindle ONLY picks up the slack!

The same applies to the top of the label. On the top you also have the issue of bags possibly sticking to the ribbon. On a T-375 this could result in the ribbon being stuck on the bags and coming out of the bagger with the bags. The same would happen on a T-1000 NBO printer and a Roll-A-Print.

On an inline printer this could prevent the dancer from re-tensioning the bags. This could lead to web breakage, and wrong print position.

In this image, the printhead has been tilted back, and shows the underside of the printhead.

If any of the print remains under the printhead like in the photo, it can stick to the bag when the bags progresses.



The ideal is that the end of the print moves past the edge of the printhead.

The ribbon will no longer be stuck to the bag.

This applies to any TIZ printer, and the T-375.

