

3-3 Ink Transfer (Offsetting)

3-3-1 Insufficient Drying

Symptoms and Possible Cause:

Printed content appear doubled or lightly repeated at an unexpected location downweb. The repeated content may be more apparent with high density jobs or areas such as graphics and area fills. Ink that has not dried sufficiently has stuck to rollers and been transferred/offset downweb.

Actions:

- Check all rollers for ink transfer. This may require removing all tension from the paper path. Clean as required.



WARNING: Be sure to turn off dryers before releasing tension from the press to avoid paper burning inside the dryers.



WARNING: Follow all lockout/tagout procedures when accessing paper path. Be aware of pinch points.

- Increase dryer temperatures before resuming printing. This helps allow for sufficient drying of recently printed ink. Always match dryer temperatures to the density of the job. If ink transfer/offsetting persists, see considerations below.
- Consider printing at a slower speed. This allows ink more time in the dryers for increased drying.
- Consider increasing dryer blower speed, if possible. This helps allow for sufficient drying of recently printed ink.
- Consider decreasing moisturizing at the moisturizer.
- Consider using a lower ink density color profile when setting up the job.

3-3-2 Rewinder Tension Too High

Symptoms and Possible Cause:

Printed content appear doubled or lightly repeated at an unexpected location downweb. The repeated content may be more apparent with high density jobs or areas such as graphics and area fills. It appears after the rewinder. It is especially noticeable on coated media. Ink that has not dried sufficiently has stuck to rollers and been transferred/offset downweb. The rewinder tension setting is too high.

Actions:

- See all actions under 3-1-1 [“Fiber or Contamination on Printhead”](#).
- Decrease tension setting on the rewinder. Also decrease the rider roller pressure on the rewinder.
- Install a rubber rider roller on the rewinder, if available.