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# Guidelines for printing fabrics on Roland solvent printers

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# Guidelines for printing fabrics on Roland Solvent printers

Please note this information is based on our Roland VersaCAMM VS-640 and may differ from other Roland models.

## Pinch wheels

We recommend you use all pinch wheels where possible. This will help prevent the media lifting whilst advancing through the printer.

## Edge guards

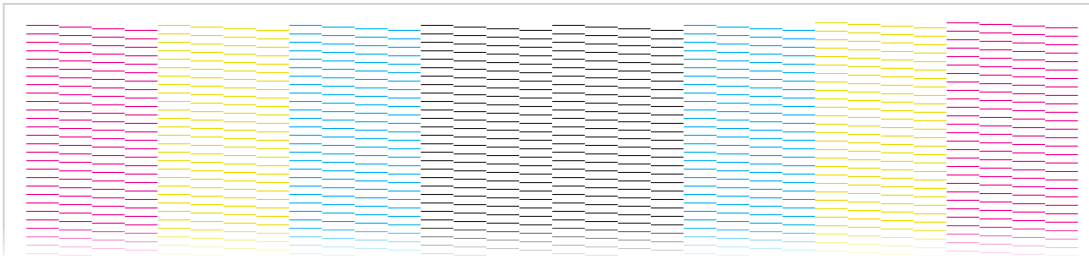
Use edge guards where possible. In particular on soft lightweight fabrics.

## Test draw

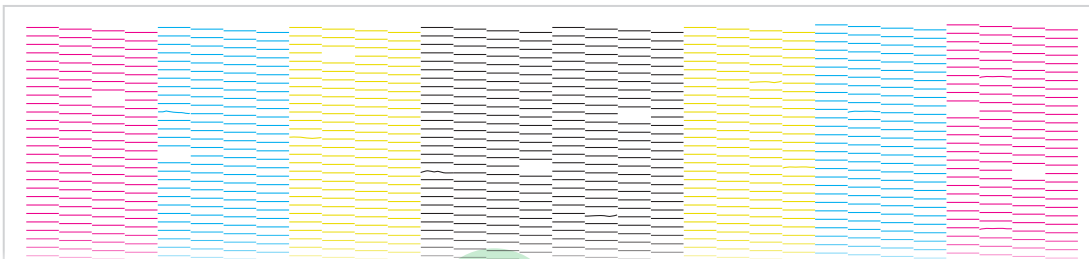
We recommend performing a "TEST DRAW" on the printer. This will show you whether all of the nozzles are firing correctly.

On the front panel select: **FUNCTION / CLEANING / TEST PRINT**

This will print a colour patch – if there are no obvious breaks in the pattern then the nozzles are fine.



▲ Example of a perfect nozzle check result ▲



▲ Example of a poor nozzle check result ▲



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## Feed direction calibration

For printers that use the "Intelligent Pass Control" this isn't so critical (but advised).

Earlier models that don't have this, it is essential that you perform this calibration on your printer.

Feed Direction Calibration is crucial to prevent horizontal banding.

Follow the guidelines shown on the right to set this up...

**Basic Operation**

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**Setup of Media**

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**4. Perform the position correction of feed direction (Alleviate Horizontal Stripes).**

**POINT!**

Feed direction means the feed direction of the media. Perform the correction adjusting to the media in advance because horizontal stripes are more likely to occur during printing when the movement distance of the media changes subtly depending on the media's thickness.

**1** CALIBRATION [SET] NEXT Press **←** to select [SET]. Press **ENTER** to enable the setting. The test pattern of feed correction is output.

**2** INPUT ADJ. VALUES When the left figure is displayed, press **ENTER**.

**3** CALIBRATION 0.10% ▶ -0.10% Use **▲** **▼** to set the correction value. Press **ENTER** to enable the setting.

Current correction value      Value to be set

**To decide a Correction Value**  
Select the value to make the upper/lower rectangular gap and overlap smallest.

Smallest gap and overlap

Current correction value

Gap present      Overlap

**4** REDO ADJ. ? YES [DONE] [To confirm again/To adjust again] Press **←** to select [YES]. Press **ENTER** to enable the setting. The test pattern of feed correction is output again. Go back to the procedure **3** and set again.

[To go to the next after correction is completed] Press **→** to select [DONE]. Press **ENTER** to enable the setting.

For the individual setting method of this setting item and the description, refer to p. 106, "Alleviating Horizontal Bands and the Like (feed correction function)."

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## Tensioning

Use tension bars where possible.

Following these guidelines and using our profiles where available, will help in achieving good printing results.