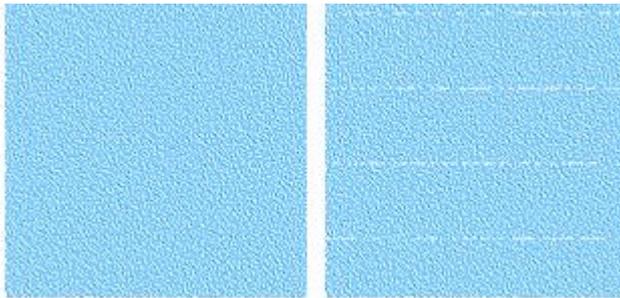


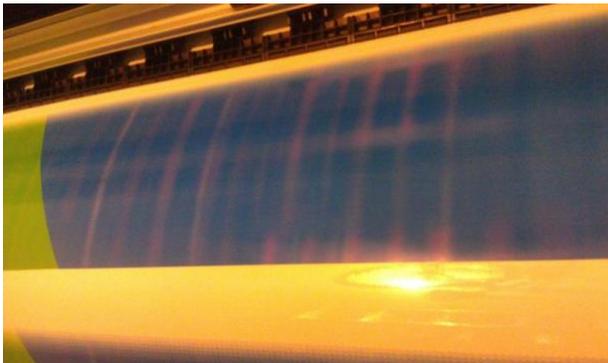
INK-JET PRINTING TROUBLESHOOTING

Horizontal banding within print



This print issue is caused by poor nozzle alignment. Perform a nozzle test print to examine the print head status. Run a nozzle clean if required. Your solid colour should print as solid. If your print head does not recover you may have a damaged/blocked print head.

Vertical banding within print



Poor heater settings can cause banding along the length of print. The substrate will wrinkle when the print temperature is too hot. This then causes the substrate to gather the pattern of plinth.

Grainy print, ink pooling and Mottle



These are very common issues with Inkjet printing which are generally caused by two factors. The first is the heat settings of the printer. Ensure the printer is set to the correct temperature.

The printer manufacturer should provide recommended temperature settings for material types. Poor ink coalescence may occur with the wrong heater settings. Try increasing the temperature if it appears that ink is over spreading. Secondly incorrect profiling and ink limiting will supply an unnecessary amount of ink to the substrate.

Individual profiling is always recommended.

Surface contamination



Poor handling of any material will show defects on the surface of the substrate. This is very noticeable when using inkjet printing. Always ensure that the substrate is carefully handled and that your print environment is clean and dust free. Any dust or debris will show dark speckles on the print.



Plasticizers are always present in the PVC formulation. They progressively migrate on the media surface influenced by time, temperature and storage conditions.

Be aware! The high temperature can be dangerous for the printability.

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The methods of conversion and application of Ritrama's self-adhesive materials are multiple and it is therefore essential that the users are aware of the particular method to be used, prior to commencing the production.

Printing: Testing for compatibility between product, printers and inks is always highly recommended before printing the product.

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