

The guide to troubleshooting

This is the first place to look if you are having any difficulties with your printing. We have detailed solutions to the most common problems our customers have experienced. But remember, if this does not solve your problem, all you need to do is call us..

PRINT ISSUES

Ink soft and tacky

Ink may not be fully dry

- Check ink suppliers' estimated drying rates.
- Increase the dryer temperature.
- Increase the time of the paper in the dryer.

Ink may not be suitable for transfer printing

- Seek advice from your ink supplier

Colours are not in good register

Paper has shrunk

- Pre-shrink the paper before printing, by passing through the dryer
- Hold the paper in a hot box between the printing of colours

Printed design is easily damaged while on the paper

Ink deposit may be too low

- Increase the ink deposit by using a coarser mesh

Ink may be over cured

- Reduce dryer temperature
- Speed up the conveyor belt speed

Paper has a wavy edge

Paper is too dry

- Set print room atmospheric conditions at a lower RH
- Rack out the sheets, allowing them to stabilise to the print room conditions

APPLICATION ISSUES

Print has poor adhesion to the fabric

Application press pressure is too low.

- Increase.

Application press temperature is too low.

- Increase.
- Check that the base platen (t-shirt support) has warmed up before starting to apply transfers.

Ink / adhesive deposit may be too low.

- Increase the ink / adhesive deposit by using a coarser screen mesh.

Ink may not have adhesive properties.

- Check the ink is suitable with your supplier.
- Use a printed adhesive layer and or a powdered adhesive.

Hot peel paper does not peel

Ink may not be suitable for hot peel transfers.

- Check the ink is suitable with your supplier.

The delay between application and peeling is too long.

- Peel away the paper sooner after application (5 to 10 seconds).

Ink deposit may be too low.

- Increase the ink deposit by using a coarser mesh.

Ink may have been over cured on the paper.

- If the ink stretch is brittle, reduce the dryer temperature or speed up the conveyor belt speed.

APPLICATION APPEARANCE ISSUES

Applied print has a speckled appearance

Speckle is caused by moisture in the paper or fabric.

- Polybag as soon as printed, to prevent atmospheric moisture attack.
- Only open the bag as the prints are required.
- Ensure the fabric is dry, by pre-pressing it before applying the transfer.
- Dry the decal for a few seconds in an oven at 100° C just prior to application.

Applied print has a blistered appearance

Blisters are caused by excessive moisture in the ink or paper.

- Polybag as soon as printed, to prevent atmospheric moisture attack.
- Only open the bag as the prints are required.
- Dry the decal for a few seconds in an oven at 100° C just prior to application.

DURABILITY ISSUES

Applied print has poor washability

Washability durability is normally an ink issue.

- Ensure the ink has been fully cured in the print and application processes.
- Ensure the application has good adhesion to the fabric.
- Check with the ink supplier that the ink is suitable for the wash cycle being issued.

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Further Information

We have guides which give you everything you need to know about our trutexile range of textile transfer papers:

Texitran CP

Texitran HS

Texitran ECO

Texitran DS

We have also published two more simple leaflets on getting the most from our coated papers;

- The guide to better printing – how to transfer print effectively.
- The guide to inks, additives and adhesives – ensuring you have the right combination for the paper chosen.

If you would like a copy any of these, we will post or e-mail them straight to you.

Getting in touch

We look forward to hearing from you!

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