

Litho Back-up Transfers

What are Litho Back-up Transfers?

This type of transfer takes its name from the combination of lithographic offset inks, and a back-up plastisol white. It allows the production of cold peel transfers of almost photographic quality.

Printing Recommendations

Paper

Silicon Release Paper. Best recommendation TRB08
T75 Transfer Paper (CP)

Lithographic Inks

Oxidation drying inks. No firm recommendation can be made, as these products are beyond our control. Discuss your requirements with your litho ink supplier.

Plastisol Back-up Products

Opaque Plastisol White, best recommendation XM451
MultiTran White Adhesive or XMA08 Litho Back-up White.

The design should be printed in reverse onto the paper, using the chosen litho ink. The part of the design required for transfer is then backed with the plastisol white and heat set at 100-120°C for 30 seconds.

The transfer process is as for standard cold peel transfers, i.e. 170-180°C for 10-15 seconds. Allow to cool before removing the paper.

Tips

Only the areas of the litho print where the back-up white is printed will transfer over to the garment.

Once printed the litho inks must be back printed with the plastisol white within a short period of time, typically 2-7 days (dependent on the litho inks used). If the prints are left beyond this time, the litho inks may harden to a point where they will not adhere fully to the Plastisol. This does not usually affect transfer, but will cause the litho ink to be washed off the back-up white on laundering.

Adhesion range will be as a standard plastisol transfer. Prints will be 40°C wash resistant. Prints are not suitable for Dry Cleaning or Direct Ironing.

Note

Due to the variable nature of litho inks, no guarantee as to the compatibility of the ink systems can be given. All prints should be thoroughly tested for acceptability before production is commenced.

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