



WILFLEX[®] TRANSFLEX[®] SOFT Semi-Opague Heat Transfer Ink

DESCRIPTION

Transflex Soft is a soft-feel, hot-split transfer ink formulated for white or pastel substrates. This ink offers improvements in printability and transfer latitude over conventional hot-split inks. Produce four-color process transfer prints with or without a clear back-up ink, using Transflex Soft Process Colors. TF Soft inks also may be used for conventional cold-peel transfers.

PRINTER'S PARAMETERS

Substrates	Knitted fabrics, cotton, linens, polyester blends & rayon. NOT recommended for woven nylon or lycra.
Mesh (standard opacity)	60-86 t/in (24-34 t/cm)
Mesh (fine line)	110-195 t/in (43-77 t/cm)
Stencil emulsion	Solvent-resistant direct emulsions or capillary films
Transfer temp	365-375 F (185-190 C)
Transfer time	5 to 7 seconds
Transfer pressure	40-45 PSI
Gel temp	195-230 F (90-110 C). Lower temps will result in a transfer with little tensile strength, and higher temps will negatively affect the "split" of the final transfer.
Extender	None
Reducer	3-5 percent max (by weight) Reducer #1
Storage	65-90 F (18-32 C). Avoid direct sun. Use within one year of receipt.
Wash-up	Wilflex Screen Wash
Health & Safety data	Available upon request

FEATURES

- Hot-split transfer inks with a soft feel
- For use with white or pastel garments
- Excellent printability
- Hot-split or cold-peel

SPECIAL RECOMMENDATIONS

- The use of Transflex Printable Adhesive 10210TF will improve the adhesion of Transflex inks to a far wider range of substrates when cold-peeled.
- The transfer paper should be peeled immediately after transferring for optimum results. When cold-peeling, allow the transfer to cool for approximately 15 seconds before removing the paper.
- Transfer papers supplied by Wyndstone Heat Transfer Papers and Hobart-McIntosh can be used in association with this ink system. Other paper types can be used with confidence, but when evaluating inks for transfers, printers should obtain current information about coated and non-coated paper types from these manufacturers before proceeding. Wilflex Technical Services can provide more information on the use of transfer papers. See the "Transfer Papers" section in the Wilflex User's Manual for information on the care and use of transfer papers.
- Preprint, transfer and test all fabrics for desired properties before beginning production printing.
- Examine the fabric type and color before and after the application of the transfer, as color distortion of the garment may occur due to the introduction of heat to sensitive fabric types and dye-stuffs inherent in the garment.
- It is advisable to press the blank shirt under transfer press before applying transfer to reduce moisture in garment.
- Stir plastisols prior to printing.
- Do not dry clean, bleach or iron the printed area.
- Any application not referenced in this product information bulletin should be pre-tested or consultation sought with Wilflex Technical Services Department prior to printing (US - 800-735-4353).

Effective 1/24/01. Not all Wilflex products are available in every country. The information in this publication is based on information and experience believed reliable. Since many factors may affect processing for an application, processors must carry out their own tests and experiments to confirm suitability for intended use. You must make your own determination of suitability for your intended use and environmental acceptability, the safety and health of your employees, and purchasers of your product.

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