



REFERENCE SHEET

TRANSFER PAPERS – LIGHT FABRICS

885.51

LIGHT TRANSFER PAPER WITH RED GRID BACK PRINT DESIGN

A transfer paper for imaging by ink jet process, providing brilliant colored images on a white background for transferring onto white or light colored cotton fabrics. Product is designed as a “universal” product* for use in all ink jet printers.

Availability:

4 x 6, 8.5 x 11, 11x17, 10 x 15 cm, A4 and A3 sheets.

Features, Advantages & Benefits

Feature	Advantage	Benefit
Fade resistant	Color stays brilliant after multiple washings	Durable, long lasting image
Versatile and easy to use	Simple four step process	Multiple uses on most cotton fabrics
Soft, silky feel after initial ironing	A professional silk–screen look	Natural “soft” cloth texture

Technical Properties

Basis Weight:	140 grams/meter ²
Total Thickness:	6.5-mil per ASTM D654 Test Method.
Smoothness, Sheffield:	90±20 per TAPPI T538 Test Method.
Brightness:	85 minimum TAPPI T452 Test Method.
Melt Temperature:	150°C typical value.
Optimal Service Environment:	Between 59° and 86°F and 30% to 70% RH.
Print Resolution:	Dependent upon printer used.
Ideal Storage Conditions:	Between 59° and 77°F and 30% to 70% RH.
Shelf Life:	Minimum of 2 years from Arkwright ship date when stored under ideal storage conditions (see above).

Application Guidelines

PRINTING & TRANSFERRING INSTRUCTIONS using an Iron



1. **Printing and Preparing Image.**
 - The whiter/smoothier surface (without back print) is the imaging side of the paper.
 - **Print design on the paper as a mirror image (reverse image).**
 - Refer to printer settings (see below); single-sheet feeding is recommended.
 - Before printing final image, produce on economy grade paper to test for layout/design.



2. **Cut out Design.**
 - Cut out design leaving narrow (1/4" -1/2") margin around edge of the image.



3. **Preparing for Transfer.**
 - Heat iron (without steam) to maximum cotton setting.
 - Fabric should be 100% cotton; iron first if necessary to ensure flatness.
 - Let fabric cool before ironing transfer image; lay fabric on hard, smooth surface.
 - Place transfer paper with printed image facing down in desired position on fabric.

4. **Ironing/Transferring Image.**
 - Apply hot, dry iron and follow guidelines below for pressure and ironing time.
 - Iron with straight, non-stop motions from top to bottom and side to side.

Hand Iron Transfer						
Fabric Color	Print Side	Printing	Silicon Sheet	Temperature	Pressure	Time (sec.)
885.51 Light	Down	Reverse	No	Maximum Cotton	Heavy	Full Page: 180
						1/2 Page: 90
						1/4 Page: 30



5. **Peel.**
 - Allow fabric to cool completely, then smoothly and evenly peel away backing paper.
 - To facilitate peeling, gently fold the fabric near an edge of the transferred image.

OTHER INFORMATION

- Adult supervision is recommended for children; use in a well-ventilated area.
- Not recommended for HP DeskJet 1200C or 1600C models because they apply heat.
- Keep product in closed package between uses; store in a cool, dry place.

HOW TO CARE FOR YOUR PRINTED FABRIC (washing instructions)

- Fabrics should be machine washed inside out (separately for the first time only) in cool or cold wash setting.
- No bleach.
- Immediately remove garments from washer. Colors may bleed if left wet to long.
- Tumble dry at warm setting.
- To re-iron fabric after washing, do not iron directly on transferred image.



PRINTING & TRANSFERRING INSTRUCTIONS using a Heat Press



1. Printing and Preparing Image.

- The whiter/smoothier surface (without back print) is the imaging side of the paper.
- **Print design on the paper as a mirror image (reverse image).**
- Refer to printer settings (see below); single-sheet feeding is recommended.
- Before printing final image, produce on economy grade paper to test for layout/design.



2. Cut Out Design.

- Do not leave a margin around edge of the image.
- Use an image with rounded edges to avoid corner liftoff after washing.



3. Preparing for Transfer.

- Prepare heat press at 345°F or refer to your manufacturer 's specifications.
- Fabric should be 100% cotton; press first if necessary to ensure flatness, then let cool.
- Place transfer paper with printed image facing down in desired position on fabric.

Heat Press Transfer							
Fabric Color	Print Side	Printing	Silicon Sheet	Temp. (o C)	Temp. (o F)	Pressure	Time (sec.)
885.51 Light	Down	Reverse	No	174	345	Medium	20

*These are recommended guidelines only. Please refer to your manufacturer's conditions since all Heat Presses function differently.



4. Peel & Wear.

- Allow fabric to cool completely, then smoothly and evenly peel away backing paper.
- To facilitate peeling, gently fold the fabric near an edge of the transferred image.

OTHER INFORMATION

- Use in a well-ventilated area.
- Not recommended for HP DeskJet 1200C or 1600C models because they apply heat.
- Keep product in closed package between uses; store in a cool, dry place.

HOW TO CARE FOR YOUR PRINTED FABRIC (washing instructions)

- Wait at least 24 hours before washing.
- Fabrics should be machine washed separately inside out (first time only) in cool or cold wash setting.
- No bleach.
- Immediately remove garments from washer. Colors may bleed if left wet to long.
- Tumble dry at warm setting.
- To re-iron fabric after washing, do not iron directly on transferred image.



Recommended Printer Settings

This information may be updated without prior notice.

Printers	Print Mode Settings	Print Quality
HP	HP Iron-on Transfer Plain Paper	Default Settings Normal
EPSON	360 dpi Ink Jet Paper Plain Paper Matte Heavyweight	360 or 720 dpi Text & Image Text & Image
CANON	T-Shirt Transfer	Default Settings
LEXMARK	Iron-on Transfer	Default Settings

Trouble Shooting Guide

- **Backing paper does not peel off easily after ironing:** To facilitate peeling, gently fold the fabric near an edge of the transferred image.
- **Colors are bleeding/feathering:** Reduce amount of ink coverage in the printer settings or Do not expose to moisture.
- **Seems to have cracks and edges are peeling:** Follow the instructions carefully – use strong pressure, the right amount of heat, and the right length of ironing time. Remember large images need more time. The transfer can be re-ironed when covered with non-stick baking paper or liner that was peeled away.

* Product not recommended for HP DeskJet 1200C and 1600C models; although they are ink jet printers they apply heat, which will adversely affect the transfer. Arkwright believes that the information set forth herein is reliable. The information is intended for use by persons having technical skill at their own discretion. Since conditions of use are outside of Arkwright’s control, we make no warranties, expressed or implied, and assume no liability in connection with any use of this information.