



REFERENCE SHEET

TRANSFER PAPERS – DARK FABRICS

889.55

DARK TRANSFER PAPER WITH BLUE GRID BACK PRINT DESIGN

A transfer paper for imaging by ink jet process, providing superb colored images on a white background for transferring onto black or dark 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
Rich color gamut	Brilliant contrast against the dark background	Superior image
Versatile and easy to use	Easy four step process	Multiple applications on cotton fabric

Technical Properties

Basis Weight:	175 grams/meter ²
Total Thickness:	7.5 mil per ASTM D654 Test Method.
Smoothness, Sheffield:	80±20 per TAPPI T538 Test Method.
Brightness:	90 minimum per 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/smoothen surface (without back print) is the imaging side of the paper.
- Print design on the paper as normal image viewing (not as mirror image).
- Refer to printer settings (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.
- Round off edges to avoid corner liftoff after washing.



3. Peel Off Grid Backing Paper.

- Remove backing paper by carefully tearing a corner and peeling away from the face/image or if scored, by peeling away at score line on backside.



4. 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 design facing upwards in desired position on fabric.
- Cover image with enclosed overlay paper.

5. Ironing /Transferring Image.

- Apply hot, dry iron and follow guidelines below for pressure and ironing time.
- Iron with non-stop motions from top to bottom and side to side.

Hand Iron Transfer						
Fabric Color	Print Side	Printing	Silicon Sheet	Temp. (o C)	Ironing Process	
889.55 Dark	Up	Normal	Yes	Maximum Cotton	Step 1	Step 2
					Light Pressure	Firm Pressure
					Image Size	
					1/4 page	30 sec
					1/2 page	60 sec
					Full page	90 sec



6. Peel & Wear.

- Allow fabric to cool completely, then smoothly and evenly peel away overlay paper.
- Touch up portions of image by covering with overlay paper again and ironing over area(s).

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)

- 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.



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 normal image viewing (not as mirror image).
- Refer to printer settings (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.
- Round off edges to avoid corner liftoff after washing.



3. Peel Off Grid Backing Paper.

- Remove backing paper by carefully tearing a corner and peeling away from the face/image or if scored, by peeling away at score line on backside.



4. 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 design facing upwards in desired position on fabric.
- Cover image with enclosed overlay paper (which can be used a couple of times).

Heat Press Transfer							
Fabric Color	Print Side	Printing	Silicon Sheet	Temp. (o C)	Temp. (o F)	Pressure	Time (sec.)
889.55 Dark	Up	Normal	Yes	174	345	Medium	20

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



5. Peel & Wear.

- Allow fabric to cool completely, then smoothly and evenly peel away overlay paper.

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:** Tear edge to begin peeling process.
- **Colors are bleeding/feathering:** Reduce amount of ink coverage in the printer settings or Do not expose to moisture.
- **Colors are fading:** Reduce ink coverage in the printer settings.
- **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.
- **Edge lift off:** Make sure the edges are rounded. Sharp edges have tendency to lift off especially after multiple washes.

* 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.

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