2-Step Paper
for LED-/Laser-Printers with & without White Toner

Copier Paper

File Formats you can use
Generally, all common file formats can be used to print with a white toner OKI printer on our transfer media. However, we recommend printing from Corel Draw. Corel Draw can import most of popular file formats. For example, you can create and save your designs in any Adobe program or create and print directly from CorelDraw. Printing detailed designs from Photoshop requires more effort and is only possible with high-end graphic computers. **Printable File Formats are .psd, .cdr, .eps, .pdf, .png, .indd, .ai**

Before you can print
1. Switch on your device.
2. Go into the Calibration Menu, select „Reg. Adjust" and confirm to correct the colour registration.
3. Print a test design, preferably, with the primary colors Cyan, Magenta, Yellow, Black/White (Picture 1)
4. A worn drum may lead to poor toner coverage. When the message „Image drum near end of life" appears, we recommend that you observe the print quality of the respective color closely and to have a spare drum ready just in case. (Picture 2 & 3)

Pict. 1)
Example for test print

Pict. 2)
Worn Magenta image drum

Pict. 3)
intage image drums

Important for CMYK Disigns without white toner
Please note the Colour Density (see picture on the right) which needed to produce and achieve optimal results.

0% 90% 100%
0% 90% 100%
0% 90% 100%
0% 90% 100%

Printer Settings
Note: Use for transparency only the side or rear bin.

Printer Print Mode	OKI ES7411WT Transparency	OKI C711WT Transparency	OKI ES9420WT Ultra Heavy 2	OKI C920WT Ultra Heavy 2	OKI ES9541 Transparency	OKI C941 Transparency	OKI LED CMYK Transparency
Paper Feed	Multi-Purpose-Tray						
Colour Settings:							
Cyan	0	0	0	0	+3	+3	0
Magenta	+2	+2	+2	+2	+3	+3	0
Yellow	+1	+1	+1	+1	0	0	0
White	-3	-3	-3	-3	+3	+3	
Black					0	0	0

The colour settings should be adjusted to generate brilliant and vivid colours with our 2-Step Paper.
NOTE for ES7411WT/C711WT: If you have worked in a different print mode than transparent foil, turn off your printer completey for at least 20 minutes before printing on A-Foil.

Rasterizing of photos & graphics for a soft touch
Even photos or designs with a background can be transferred with Laser-Dark (No-Cut). In this case, we recommend to rasterize the design to achieve a soft touch on the fabric. With the help of our software „Transfer RIP ", you can rasterize your design with a few clicks and benefit from many other features. A rasterized design on the fabric feels even softer than a screen print and has also extremely good wash-fastness. Since the surface is limited to the raster points, a rasterized print is much better washable, than a print with larger/full-scale areas.

Textile Selection
Always select a less stretchy fabric when working with cotton fabrics (no spandex or lycra) to prevent cracking when pulling/ stretching the fabric apart.

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Transfer Press

1. If excisting, remove the teflon sheet of the upper and lower plate from your heat press (because of the heat absorbation).
2. Make sure that your silicone pad is faultless and is glued to the lower plate. If the upper and the lower plate of the heat presses are not touching each other in a pure vertical movement, but also partially in a horizontal (slide) movement, this may lead to incomplete transfer of the B-Coating to the A-Foil, especially by large, full-scale designs or pictures. This might happen due to a wrong construction as well as in cases, where the closing device is worn out, loosened or defect.
3. Make sure that the press has reached the set temperature on the heat plate. Then, close your press for 30-60 seconds to pre-heat the lower plate. This step should be done before beginning to work or after long brakes. If you follow the above step, you can be sure, that the lower plate definitely has the desired temperature. You can only reach consistent results with an adequately heated lower plate.
4. The bottom silicone pad of your heat press should not be too soft. Extremely Soft silicone pads might lead to problems in the separation of A- and B- media.
5. Always place the transfer media in the middle of your heat press. Some heat presses do not have uniform heat & pressure distribution on the edges. The further you go to the edges, the more likely processing errors will occur, due to the lack of pressure on/around these areas.

Seperation of A and B media

1. It is necessary to leave the A & B Media on the press during the separation. Otherwise, cold air will flow under the media and will cause the transfer to cool down rapidly. If the media cools down too fast, parts of the design may transfer from your A- media to the B paper which is not desired.
2. Do not separate the A & B Media with a harsh movement. A too fast separation may lead to torn-out areas on round edges or other critical areas in your design.
3. Separate the A & B Media in a flat and constant motion. The media remains flat on the press and the separation works perfectly.

Transfering to the substrate

Tape all four corners of the transfer (A-Foil) with a heat resistant tape. While opening the press or removing the textile from your press, it may happen that the corners of the A-Foil lift up from the fabric. This leads to undesired hot-peeling and to incomplete and faulty edges.

After the press process

Peel the A-Foil when absolutely cold. If you remove the A-Foil while still warm, it will lead to an incomplete and faulty transfer.
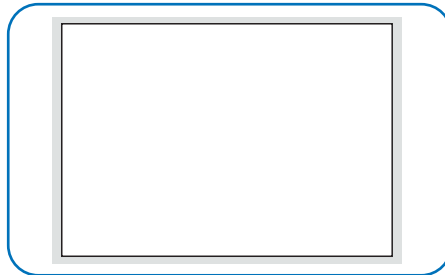
2-Step Paper
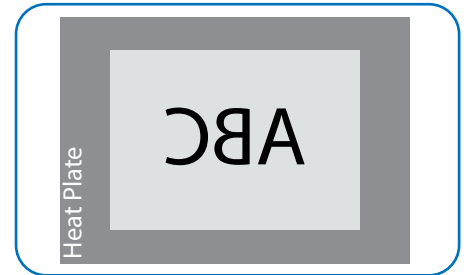## for LED-/Laser-Printers with & without White Toner

Copier Paper
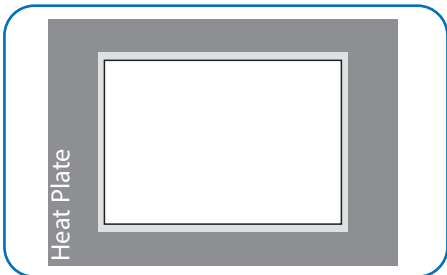
Prepare to Print

1. Print your design in mirror image mode onto the A-Foil.
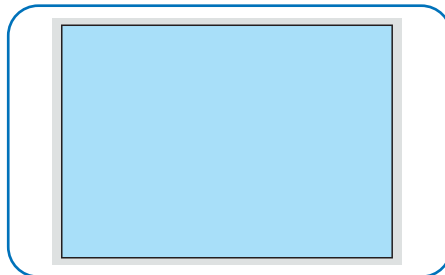
2. Please note, that the B-Paper LowTemp is slightly smaller than the A-Foil on purpose. This prevents your transfer press from getting dirty.

**3.** Place the A-Foil directly on the top of the lower plate (printed side showing up).

4. Place the B-Paper LowTemp (coated side showing down) on top of the A-Foil.

5. Put a sheet of paper over the B-Paper LowTemp, to avoid messing your heat plate.

6. Press all together
Temperature: 150°C
Time: 90 sec.
Pressure: 3-4 bar (medium).
**Note:** Increase the time to 120 sec. by full-scale White Toner designs.
Important: Different CMYK printer manufacturers use different type of toner. The settings above are only reference values! Finding out the optimale temperature and time requires some tests.
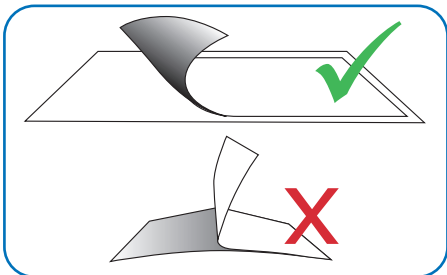
7. Separate the B-Paper LowTemp from the A-Foil without lifting them up from the lower plate of your heat press. Please work in a **SLOW & FLUENT** motion.

8. Cut around your design to get rid of the coating frame caused by the bleeding of the B-Paper LowTemp.
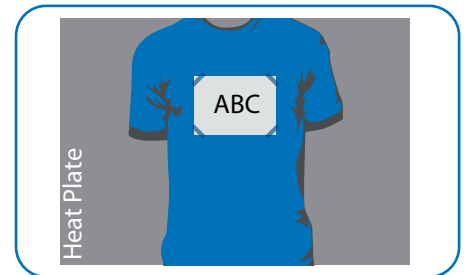
9. Place the textile or another substrate on the lower plate of the heat press. Tape the corners of the A-Foil with Thermo Tape to fix the transfer.

10. Press with the following parameters:

Textile	Temperature	Time	Pressure	Remove A-Foil	washable up to
Cotton:	140-150°C	30 sec.	5 bar	absolutely cold	40°
Polyester:	130-140°C	30 sec.	5 bar	absolutely cold	40°
Polypropylen:	105°C	30 sec.	5 bar	absolutely cold	40°
Blend Fabric:	140-150°C	30 sec.	5 bar	absolutely cold	40°

For a matt finish and to make **cotton** washable, it is essential to cover the print with a Grip cover sheet and repress for 30 seconds with 180°C. Wash inside out! Do not use a dryer! Iron only inside out, not directely over the transfer!

All Technical information and recommendations are based on tests we believe to be reliable. However, we cannot guarantee performance under conditions not under manufacturer's control.