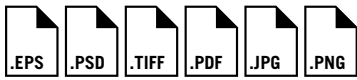


SUPPORTED FILE FORMATS

Generally, all common file formats can be used when printing with a White Toner OKI printer on to our transfer media. We recommend printing from CorelDraw. CorelDraw can import most of the 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



BEFORE YOU PRINT

1. Switch on your device.
2. Go into the Calibration Menu, select "Reg. Adjust" and confirm to correct the color registration.
3. Print a test design, preferably, with the primary colors Cyan, Magenta, Yellow, Black/White (see 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 1

Example Test Sheet



PICTURE 2

Printint with a WORN Magenta image drum



PICTURE 3

Printing with INTACT drums



IMPORTANT FOR CMYK DESIGNS WITHOUT WHITE TONER

Please note the Color Density (on the right) which is needed to achieve optimal results.

100%	90%	100%
100%	90%	100%
100%	90%	100%
100%	90%	100%

PRINTER SETTINGS

Use the multi-purpose tray for feeding & the rear or side tray for collecting.

	OKI ES 7411 WT C 711 WT PRO 7411 WT OKI ES 9420 WT C 920 WT PRO 920 WT	OKI PRO 8432 WT	OKI LED CMYK	OKI PRO 6410 NEON COLOR
Print mode	Transparency	User Type 1	Transparency	Transparency
Paper feed	Multi-Purpose-Tray	Multi-Purpose-Tray	Multi-Purpose-Tray	Multi-Purpose-Tray
Color Settings	COLOR PAPER SETTING +2			
CYAN	0	0	0	0
MAGENTA	+ 2	0	0	0
YELLOW	+ 1	0	0	0
WHITE	- 3	0	-	0
BLACK	-	-	0	0

IMPORTANT: ES 7411 WT / C 711 WT / PRO 7411 WT - If you have used a different print mode other than "transparent foil", turn off your printer completely for at least 20 Minutes before printing on A-Foil.

RASTERIZING PHOTOS & GRAPHICS FOR A SOFT TOUCH

Even photos or designs with a background can be transferred with Laser-Dark (No-Cut) LowTemp. In this case, we recommend to rasterize the design to achieve a soft touch on the fabric.

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 has much better washability than a print with larger or full-scale areas.

TEXTILE SELECTION

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

TRANSFER PRESS

1. If existing, remove the Teflon sheet from the upper and lower plates of your heat press. Teflon absorbs too much heat and leads to faulty and inconsistent results.
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 an incomplete transfer of the B-Coating to the A-Foil, especially by large, full-scale designs or pictures. This might happen due to a mechanical fault, 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. Leave your Swing-Away press closed until the lower metal plate is hot to the touch. Only with sufficient heat on both plates, can you get consistent results. We advise that you keep your Heat Press in the closed position when not in use. This keeps the Lower Plate hot and ready for your next application.
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 & B Media.
5. Always place the transfer media in the middle of your heat press. Some heat presses do not have uniform heat and pressure distribution on the edges. The further you go to the edges, the more likely processing errors will occur, due to this lack of pressure on and around these areas.

SEPARATION OF THE A & 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-Foil to the B-Paper Low Temp which is not desired.
2. Do not separate the A & B Media too fast. 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.

Please note following information during the separation of print-outs from the OKI ES9541DN/C941DN: The CMYK colors consists of polymer toner. This kind of toner stays longer hot than crushed toner which is used in the other OKI White Toner Printers. Therefore it is important to rub strongly with a piece of textile for 3-5 seconds all over the B-Paper to remove some residual heat, before starting the separation of A and B.

TRANSFER 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.

WASHING




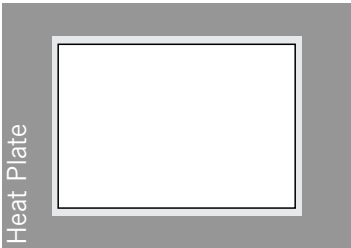

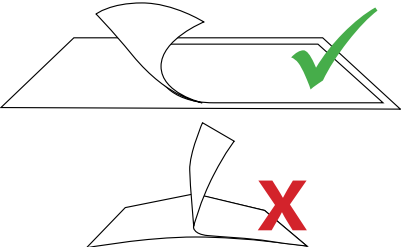


- Up to 40 °C
- Do not use fabric softener or liquid detergent
- Do not tumble dry
- Wash and iron only inside out.

STORAGE

Please store the unprinted media away from dust, moisture and heat. The printed A-Foils can often be stored for several months, when not scratched or bent. The married transfers can also be stored for longer, when protected from dust, moisture, heat, scratches and bending. We do recommend to store them in a box or in sealable zip-lock bags.

PRINT

IMPORTANT: Different CMYK printer manufacturers use different types of toner. The settings above are only reference values! Finding out the optimal temperature and time requires experimentation.

STEP 1	STEP 2	STEP 3
<p>Print your design in Mirror Image Mode onto the Matt Side of the A-Foil.</p> 	<p>The B-Paper LowTemp is slightly smaller than the A-Foil. This prevents your transfer press from becoming dirty.</p> 	<p>Place the A-Foil in the middle of the lower plate (Printed side facing up).</p> 
STEP 4	STEP 5	STEP 6
<p>Place the B-Paper LowTemp on top of the A-Foil (coated side facing down).</p> 	<p>Cover with a cover sheet. (Grip- or Reusable cover sheet).</p> 	<p>Transfer B-Paper to A-Foil</p> <p>Temperature: 150° C Time: 90 sec. Pressure: 2-3 bar (medium)</p> <p>NOTE: Increase the time to 120 seconds for full scale White Toner & CMYK designs</p>
STEP 7	STEP 8	STEP 9
<p>Separate the B-Paper LowTemp from the A-Foil without lifting them up. Please work in a slow, low & fluid motion.</p> 	<p>Cut around your design to remove the coating frame caused by the bleeding of the B-Paper LowTemp.</p> 	<p>Place the textile on the lower plate of the heat press. Fix the transfer by taping the corners of the A-Foil with Heat Resistant Tape.</p> 

NOTE: It is possible that on unprinted areas some kind of white spots are appearing after pressing it with the B-Paper. To avoid that, put 5 sheets of normal copy paper onto the B-Paper.

STEP 10 - PRESS USING THE FOLLOWING PARAMETERS

FABRIC	TEMPERATURE	TIME	PRESSURE	PEEL A-FOIL	WASHABLE UP TO
Cotton	150° C –160° C	30 sec.	2 – 3 bar	absolutely cold	40° C
Polyester	120° C –130° C	30 sec.	2 – 3 bar	absolutely cold	40° C
Polypropylen	105° C	30 sec.	2 – 3 bar	absolutely cold	40° C
Blend Farbric	120° C –130° C	30 sec.	2 – 3 bar	absolutely cold	40° C

For a matte finish use our Grip Cover sheet and press for 30 sec. with temperature and pressure as indicated above.