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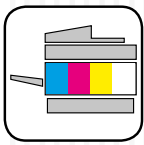
Hohenstein

PRODUCT CLASS 1
SUITABLE FOR
BABY- & CHILDWEAR



DIGITAL TRANSFER MEDIA FOR LASER & LED PRINTERS WITH
CMYWHITE TONER





DIGITAL TRANSFER MEDIA FOR LASER & LED PRINTERS WITH WHITE TONER

REVOLUTIONARY TECHNOLOGY

A Dream Came True

It has been 25 years since the first laser copier was launched and almost that long since people started to use laser copiers and printers as a digital transfer manufacturing tool for garments.

Printing and pressing a full-color image or photograph onto a t-shirt using laser printed heat transfers is a simple and inexpensive way for businesses like printer/copy shops, t-shirt shops, screen printers and others to decorate all types of garments and promotional items. Unfortunately, this simple and inexpensive way has been, until now, only limited to white or light colored garments.

Printing onto dark garments has always been a challenge. Even those products with excellent colors and high washability, such as the FOREVER Laser-Dark, which has kept customer needs satisfied, but still couldn't avoid the additional cutting and weeding required for each design, in particular, photographic images, letters, numbers and logos.

As a result, people have always dreamed about transfer printing on dark garments in an easier way.

White Toner Made it Possible

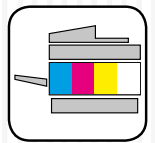
The revolutionary White toner printers from OKI remove the last barrier in creativity and design. The new FOREVER transfer paper for white toner technology makes transfer printing onto dark garments as easy as on white garments. The transferred images are soft, bright and t-shirts can be washed over 15 - 20 times without a significant degrade of the transfer. The black color is achieved through the mixture of the three colors (CMY). The white toner covers the complete image, except black printed areas. The printers driver automatically places more white toner on light colors and less white toner on dark colors. By using our FOREVER TransferRIP software, not only can you optimize the toner usage to perform the desired color reproduction, but you can produce better colors as well as increasing the washability by rasterizing designs.

Low Investment Costs

The OKI White Toner Printers are quite economical, especially when compared to Direct-to-Garment and screen printing machines. The A3 printer costs around 5,000 € and the A4 printer is available for around 2,500 €.

TRANSFER PAPERS FOR **OKI** WHITE TONER PRINTERS





REVOLUTIONARY TECHNOLOGY

Low Production Cost

Even though the white toner costs more than other toners, the average cost of printing a full-color A4 image is less than 0.50 €. The high-quality transfer papers from FOREVER are quite economical, making the total cost of an A4 Laser Transfer less than 1.80 € (including the 0.50 € printing cost).

Attractive for All Sizes of Business

The applications where white toner can be used are extremely broad. From small business, printing single t-shirts on demand to large screen printers looking for a fast and effective alternative, the white toner printer allows almost anything. Now we can print onto dark colored garments and other dark colored substrates without any cutting required. This versatile system can also be used in industrial production for items such as printing on wood, ceramics, metal, glass, card and more.

Easy Application

Digital transfer printing with white toner is much like printing with a regular color laser. Half a day's training and practice is all that is required to learn how to manage it effectively. You can still use your favourite design program, such as CorelDraw, Photoshop and Illustrator.

High Speed Production

The OKI can produce 500 - 1,000 prints per hour. The transfer application on garments takes around one minute for light colored garments and around two minutes for dark colored garments, allowing a worker to transfer print approximately 30/60 shirts per hour and per heat press. A worker can operate two heat presses simultaneously. Six workers can easily handle 4,000 t-shirts in an eight hour shift. Total investment cost of such an operation including two white toner printers and 12 transfer presses is around 15,000 - 30,000 €, depending on the size of the printer and the quality of the heat press.

COMPARISON WITH OTHER SYSTEMS

DIRECT-TO-GARMENT PRINTERS

- Much faster application
- Much lower investment
- Not limited to cotton
- No daily cleaning, no problems with white ink
- No pre-treatment

FLEX

- No Cutting and No Weeding
- Not limited to single color designs
- Lower inventory cost and less stock space required
- Softer touch

SCREEN PRINTING

- No set-up costs
- Much lower investment
- Much higher resolution
- Flexibility

PRINTABLE FLEX

- Much faster printing speed (20 - 30 times faster)
- No Cutting and No Weeding
- Small fine details are also possible
- Softer image

CMYW LED-PRINTERS FROM OKI



ES7411WT/C711WT
PRO7411WT



ES9420WT/C920WT
PRO9420WT



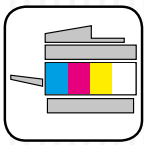
ES9541WT/C941WT
PRO9541



PRO6410
NEON COLOR



DESCRIPTION:	DIN A4 printer	DIN A4/A3 printer	DIN A4/A3 printer	DIN A4 printer
PRINT SPEED:	A4 normal paper: 34 pp./min. A4 transparent: 8 pp./min.	A4 normal paper: 31 pp./min. A3 normal paper: 16 pp./min.	A4 normal paper: 50 pp./min. A3 normal paper: 28 pp./min.	A4 normal paper: 34 pp./min. A4 transparent: 8 pp./min.
PROCESSOR:	533 MHz	800 MHz	1.2 GHz	533 MHz
RAM:	Standard: 256 MB Max.: 768 MB	Standard: 512 MB Max.: 1024 MB	Standard: 2 GB Max.: 2 GB	Standard: 256 MB Max.: 768 MB
PAPER FORMATS:	A4, A5, B5, A6	A3, SRA3, A4, A5, A6	A3, SRA3, A4, A5, A6	A4, A5, B5, A6
SIZE:	435 x 604 x 389 mm	654,5 x 625 x 471 mm	640 x 699 x 625 mm	340 x 435 x 546 mm



DIGITAL TRANSFER MEDIA FOR LASER & LED PRINTERS WITH WHITE TONER

FOREVER LASER-DARK (NO-CUT) LowTemp



DESCRIPTION

FOREVER Laser-Dark (No-Cut) LowTemp - Achieve amazing brilliant colors and outstanding wash resistance without cutting and weeding! Print your design on the A-Foil, then press it together with the B-Paper LowTemp. Upon peeling, the white coating on the B-Paper LowTemp is transferred only to the toner on the A-Foil. Now, the design is completely weeded and ready for transferring. The bright white coating of the

B-Paper LowTemp improves the opacity and vibrancy of colors on dark fabrics and it also greatly enhances adhesion for better durability and washability. As an additional benefit, the no-cut & no-weed means there is no unwanted background on the garment! Just the areas with toner are transferred. The result can be compared to screen printing - only faster, cheaper and more efficient!

A-FOIL FINISHING:

This is the transfer media on which you print your image. The transparent material has a special top-coating that protects the toner. This improves durability and washing resistance, even when applied at low transfer temperatures (150-160°C/300-320°F). **No more guessing where the transfer is applied! The transparent foil allows for precise placement on your garment.**

B-PAPER LowTemp:

The B-Paper LowTemp was developed specifically for the A-Foil. It is finely tuned to ensure the transfer process is as fast as possible. The special coating of the B-Paper develops its adhesive power starting at 100°C/212°F, allowing you to print onto a variety of different materials or surfaces.

APPLICATION

The application on cotton is done at 150-160°C/300-320°F. The process of applying the white backing is a hot peel and due to the heat storing capacity of the A-Foil, the separation of A & B media is very easy. Both, step one, pressing the A & B media together and step two, transferring onto cotton garments, can be done at

the same temperature. In order to protect the material and to prevent color migration, polyester garments are pressed at lower temperatures of 125-135°C/255-275°F. Depending on the composition and heat tolerance of the material, transfer temperatures from different materials, vary between 100-200°C/212-390°F (see below).

CHARACTERISTICS

- No Cutting - No Weeding
- Very Soft Touch
- High Washability
- Vibrant, Brilliant Colors

PRINTABLE MATERIALS

Cotton, Polyester, Mixed Fabric, Nylon, Silk, Leather, Denim, Paper, Bookcover, Wood, Metal, etc.

WEIGHT & SIZES

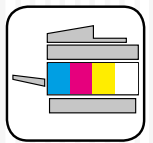
- 136 g/m²
- DIN A4R, DIN A3, A4XL, A3XL
- 8.5 x 11 inches, 11 x 17 inches, 8.5 x 17 inches, 12.5 x 19 inches



ITEM NUMBER

A-Foil DIN A4:	95 000 950 29
B-Paper LowTemp DIN A4:	95 000 950 21
A-Foil DIN A4XL:	95 000 950 42
B-Paper LowTemp DIN A4XL:	95 000 950 38
A-Foil DIN A3:	95 000 950 30
B-Paper LowTemp DIN A3:	95 000 950 20
A-Foil DIN A3XL:	95 000 950 84
B-Paper LowTemp DIN A3XL:	95 000 950 94

A-Foil 8.5 x 11 inches:	95 000 950 32
B-Paper LowTemp 8.5 x 11 in.:	95 000 950 19
A-Foil 11 x 17 inches:	95 000 950 31
B-Paper LowTemp 11 x 17 in.:	95 000 950 22
A-Foil 8.5 x 17 inches:	95 000 950 59
B-Paper LowTemp 8.5 x 17 in.:	95 000 950 58
A-Foil 12.5 x 19 inches:	95 000 950 84
B-Paper LowTemp 12.5 x 19 in.:	95 000 950 94



FOREVER LASER-DARK (NO-CUT) LowTemp

FINISHING WITH HOT STAMPING FOILS AND TRANSFER FLOCK

Until now, the finishing of textiles with metallic foils and flock fibers could only be achieved with a standard flex or flock material and was limited in the options. Only large logos and lettering could be plotted and transferred. **FOREVER Laser-Dark (No-Cut) LowTemp** transfer can easily be metallized or flocked, with the advantage that even the finest details can be transferred.

In the first step, a single color design is transferred with the A-Foil FINISHING onto the fabric. In an additional step, the design can be metallized or flocked with a Hot Stamping Foil or a flock transfer sheet.

With a choice of 51 different hot stamping foils and 15 flock colors, detailed or even rasterized designs (see page 6, **TransferRIP**) can be easily decorated.

The typical limitations of heat transfer process with flex & flock are now a thing of the past!

FLOCK

METALIZED

METALIZED

COLOR METALLIZATION

METALIZED

51 DIFFERENT COLORS & TEXTURES

15 DIFFERENT COLORS

Laser-Dark (No-Cut)
LowTemp
Hot Stamping Foil
Finishing Application

FINISHING WITH TRANSFER FLOCK SHEETS

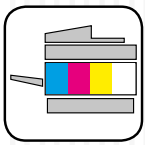
After choosing the Flock color which you would like to transfer on to the garment, print your design onto the A-Foil using the same color. Then, press together with the B-Paper LowTemp at 150-160°C/300-320°F. Separate the A-Foil from the B-Paper once the press opens. Then cut around the A-Foil to remove leftover B-Paper. Next, transfer your design to the garment using low pressure and a short application time. In the last step, the finishing of the flock sheet, you should press at 200°C/390°F, with a long application time and high pressure. This is to achieve a perfect transfer result and a high wash resistance. If you would like to decorate surfaces which do not require wash resistance, you can lower the application temperature as low as 121°C/250°F. The flock fibers will only be attached to the design, so **no cutting** and **no weeding** is required.

FINISHING WITH HOT STAMPING FOILS

Print your design using composite black onto the A-Foil, then press together with the B-Paper LowTemp at 150-160°C/300-320°F. Next, the prepared transfer will be pressed at the same temperature onto the fabric or other surfaces. In the last step, press the Hot Stamping Foil onto your design. The foil sticks only on your design and not on the fabric!

COLOR METALLIZING WITH HOT STAMPING FOILS

With this technique FOREVER has raised the bar in digital transfer technology. The process is easy, but requires one more step. A second printout **"without white"** will be placed and pressed exactly in the same position as your metallized design. Guaranteed to impress!

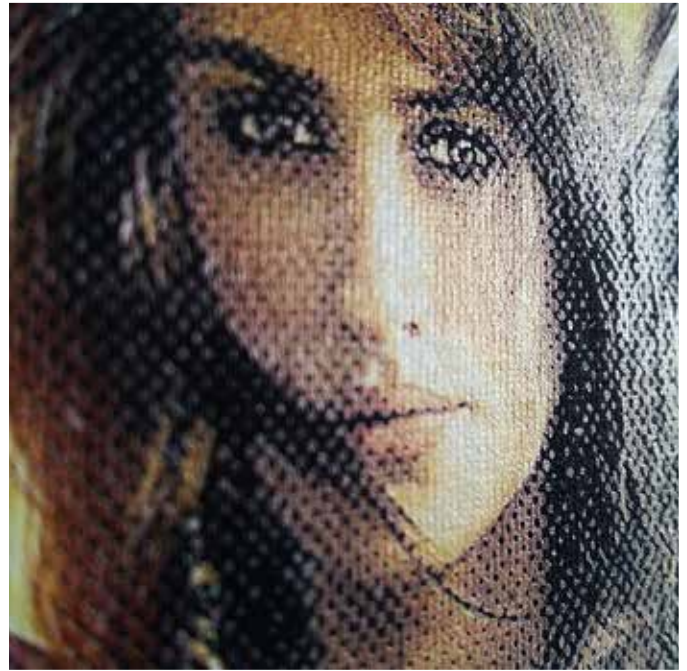


DIGITAL TRANSFER MEDIA FOR LASER & LED PRINTERS WITH WHITE TONER

FOREVER LASER-DARK (NO-CUT) LowTemp

ABSOLUTELY IMPRESSIVE! RASTERIZING!

Laser-Dark (No-Cut) LowTemp introduces new features. From now on you can create designs with a soft touch like screen printing. It looks great, increases the wash fastness and do not forget the economic view, **it saves toner and your money!**



FOREVER TransferRIP



TRANSFERRIP

COLOR PROFILE • WHITE CONTROL • RASTERIZATION



FOREVER TransferRIP - in combination with the FOREVER transfer media and the OKI White Toner printers - opens up incredible opportunities for all users. This software enables its users to produce small runs with high resolution, efficiently and with results that are softer than screen printing. Even printing a single transfer is worth it!

Professional & Cost Effective!

The Color Management, White Toner & the Rasterization options are very powerful tools for:

- Reducing overall toner costs (saving up to 60%).
- Increasing the durability.
- Improving the wash fastness (up to 40 washes at 40°C with polyester).
- Producing a much softer touch.

Industry Standards - Import with Ease!

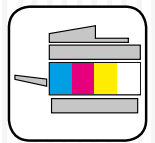
The most common image file formats are easily imported into the TransferRIP, such as: EPS, PSD, PDF, TIFF, JPG & PNG.

Alpha Channels and Cutting Paths are automatically detected by the software and saved to images.

TransferRIP Advantages:

- **Save up to 60%** on overall toner costs.
- **Extremely Fast Printing** as a result of using the PCL & Direct Image Mode.
- **Brilliant Colors** due to the professional color management tools.
- **Underfilling** removes white outlines around images.
- **Cost Calculator** enables precise calculation of job-related consumption of inks before printing (including Rasterized designs).
- **Layout** - Scale, Rotate & Add multiple images onto a single customizable printable sheet, as well as creating customer specific folders.
- **White Toner Controls** for controlling the amount of White.
- **1-Click Rasterization** delivers Extremely High Washability.
- **ICC Profiles** can be imported & used.





FOREVER LASER-LIGHT (NO-CUT)

DESCRIPTION

Self-Weeding Transfer Paper for Light Colored Garments. The application is quite easy, fast and provides consistent results. It is a 1-Paper-System for printing onto light colored textiles. The white toner enriches the color spectrum and the white toner coverage under the colors enables extraordinary bright results on light colored garments.

PRINTABLE MATERIALS

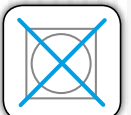
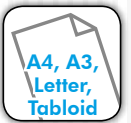
Cotton, Paper products

CHARACTERISTICS

- Washable up to 30°C
- Very Easy Application

SIZES

- DIN A4R, DIN A3,
- 8.5 inch x 11 inch, 11 inch x 17 inch



DIN A4R: 95 000 959 34
DIN A3: 95 000 959 33

8.5 inch x 11 inch: 95 000 959 31
11 inch x 17 inch: 95 000 959 32

ITEM NUMBER

FOREVER MULTI-TRANS

DESCRIPTION

Multi-Trans has been used with CMYK printers for over 15 years with excellent transferring results. Until now, the application use was limited to white or light colored materials. With the introduction of the white toner, there are no limits anymore. The application examples on the right and many other heat resistant surfaces can be transfer printed with a matt finish.

PRINTABLE MATERIALS

Mugs, plates, beer steins, magnetic vinyls, wood, place mats, chromolux, tiles, mirror, acrylic glass, metal, nylon, pens, CDs etc.

CHARACTERISTICS

Transfer paper for printing onto hard surfaces.

WEIGHT & SIZES

- 140 g/m²
- DIN A4R, DIN A3
- 8.5 x 11 inches, 11 x 17 inches



DIN A4R: 95 000 970 05
DIN A3: 95 000 970 10

8.5 inch x 11 inch: 95 000 970 14
11 inch x 17 inch: 95 000 971 00

ITEM NUMBER



Industry Leaders

FOREVER is the world's leading heat transfer manufacturing company that has been producing transfer media for the digital printing industry since the early 90's. We focus on delivering innovative and high-quality solutions for all kinds of different digital printers and ink systems.

Professionals choose FOREVER!

Our products are used in over 100 countries, from small retailers to large industrial manufacturers.

Our Strengths

- Contract Coating
- Special Know-How in Multi-Layer Coatings
- Development of Customer Specific Coatings
- Manufacturer of Digitally Printable Media for Desktop, Large Format and Industrial Printers
- Converting Master Rolls to Sheets or to Small Rolls
- OEM-Packaging

WORLD'S LEADING MANUFACTURER OF **DIGITAL TRANSFER MEDIA** FOR



WHITE TONER
PRINTER



LASER
PRINTER



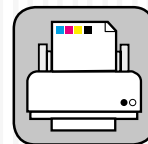
SUBLIMATION
PRINTER



SOLVENT
PRINTER



PLOTTER/
CUTTER



INK-JET
PRINTER



HP
INDIGO

