

Media Datasheet

Heat Transfer Materials

Description:

Roland Heat Transfer assortment consists of high quality products to offer a full range for your heat transfers! Roland DG's known experience with Print & Cut made it possible to offer you a range of compatible products with EcoSol-Max Inks.

Brilliant colours and high detail combined with easy transfer is made available with RMC-TTRH and RMC-FTRH combined with Roland DG EcoSol-Max Inks. Roland Media Center also offers a range of application materials to support your heat transfer.

RMC-TTRH-25-750

RMC-TTRH is the perfect solution for creating multi colour logos for textiles. RMC-TTRH allows you to create high resolution prints for heat press application on one layer. The lightweight material can be applied to a variety of garments. This special digital material is designed to work with the Print & Cut solution of Roland DG and **achieves the highest colour brilliance.**

Properties:

Suitable for	100% cotton 100% polyester Poly-cotton blends
Not suitable for	Treated and dyed garments (sublimation inks)
Carrier	Polyester

After printing and cutting, use enough drying time (12h). When the print is dry, weed the extra material and laminate the image from the backing with RMC-HTTA or RMC-HTSP. The protective foil has to be removed after application when it is hot.

Considering the variety of different types of base materials available on the market, the following transferring instructions are given as a general standard.

TEMPERATURE	150°C
TIME	15"
PRESSURE	Medium
WASHABLE TO	50°C (Wash inside out)

RMC-FTRH-25-750

RMC-FTRH is a thin digital media incredibly soft to the hand; its stretch-and-rebound is simply amazing. Dark garments present no problems as this material guarantees good opacity.

It has **no drying time** in between the print and heat application which saves valuable time and makes application of this innovative material more profitable.

Properties:

Suitable for	100% cotton 100% polyester Poly-cotton blends Most synthetic fabrics (except nylon)
Carrier	Polyester

When the print is ready, weed the extra material and laminate the image from the backing with RMC-HTTA. Remove the original carrier right away. The protective foil has to be removed after application when it is hot.

We recommend waiting a few hours before stretching the garment.

Considering the variety of different types of base materials available on the market, the following transferring instructions are given as a general standard.

TEMPERATURE	160°C
TIME	15 sec.
PRESSURE	HIGH
WASHABLE TO	40°C (wash inside-out)

Application material

RMC-HTTA-25-500

RMC-HTTA is a Transparent Adhesive (low tack) carrier for correct placing and protection of the digital transfer onto the textile.

The transfer finish is glossy and the same piece can easily be used up to four or five times

RMC-HTSP-10-500

Special silicon paper used as protective sheets - Special silicon paper for protecting printed pictures in heat applying operations and for adding a matt finish to the decoration.

The same piece can normally be used more than ten times

Material processing and handling

This material is especially designed for Roland DG eco-solvent printing equipment. To achieve the best possible print quality, please make use of the profiles and settings developed by Roland DG. Profiles can be obtained **free of charge** from our certified dealer network or can be directly downloaded from:

<http://www.rolandmediacenter.eu>

It is imperative to set up the printer correctly and that the correct profile and heater settings are used. Do not handle the face film directly and ensure it is free from dust and static.

We advise you to leave the prints to dry sufficiently before rolling them or laying them on top of each other.

Recommendations

- Shelf Life

Two years when stored at 15°C to 25°C and 50% relative humidity (in the original Roland packaging).

- Printing Conditions

Air-conditioned printroom, ± 23°C and 50 % R.H.

- Transportation conditions

We advise you to leave the prints to dry sufficiently before rolling them or laying them on top of each other.

Important

All Roland DG products are subject to careful quality control. Information on physical and chemical characteristics is based upon tests we believe to be reliable for West European exposure conditions. The values listed herein are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine, prior to use, the suitability of this material to their specific use. All specifications are subject to change without prior notice. All technical data are subject to change. In case of any ambiguities or differences between the English version and version in any other language of these Conditions, the English version shall be controlling.

Warranty

Roland DG branded media are manufactured under careful quality control and are warranted to be free from defect in material and workmanship. Any material shown to our satisfaction to be defective at the time of sale will be replaced without charge. Our aggregate liability to the purchaser shall in no circumstances exceed the cost of the defective materials supplied. No salesman, representative or agent is authorized to give any guarantee, warranty or make any representation contrary to the foregoing. All Roland DG branded materials are sold subject to the above conditions,