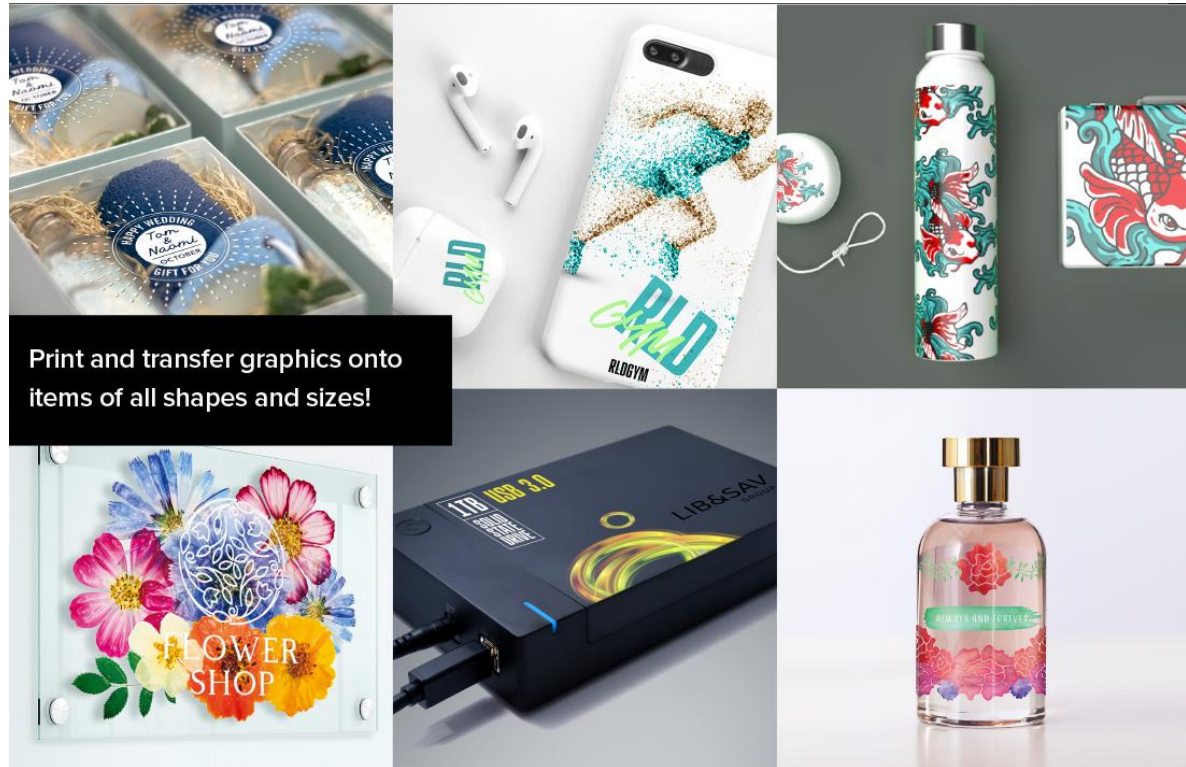


Roland DGA Graphic Transfer System™ (GTS™)



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**Graphic Transfer System (GTS)
for the Versa *UV* LEF2 Series**



What is GTS



Roland DGA's new Graphic Transfer System (GTS) makes it quick and easy to apply stunning pre-printed UV ink graphics to irregularly shaped objects that are difficult or impossible to print on directly, or not suitable for decals. With GTS, decorating even ornate items, including those with uneven surfaces, rounded corners, and extended lips or edges, is simple. GTS offers everything you need to print and transfer the graphics. Plus, the process requires just a few steps, so anyone – even those with no printing experience – can customize or personalize just about anything.

- Roland DGA offers all necessary system components – LEF2 UV flatbed printer, V-BOND UV ink, GTS Print Sheets, and GTS Transfer Film (each sold separately)

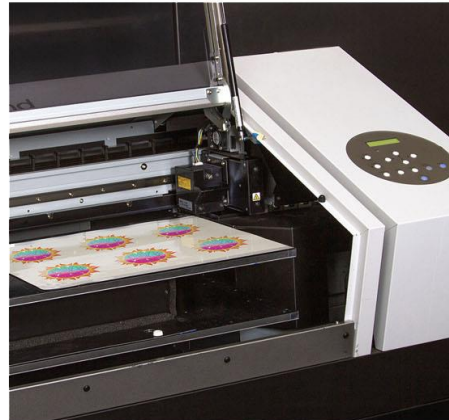
The GTS Process

Print to a GTS Print Sheet then combine with GTS Transfer Film to allow the transfer of a UV Decal to an object.

V-BOND WCMYKG



*Print Graphic with
LEF2 / V-BOND Ink
(White, CMYK and Gloss)*



1

Print graphic to GTS Print Sheet with LEF2 printer & V-BOND inks.



2

Overlay GTS Transfer Film onto the print, then peel away from backer sheet.



3

Transfer to desired object using light manual pressure.



4

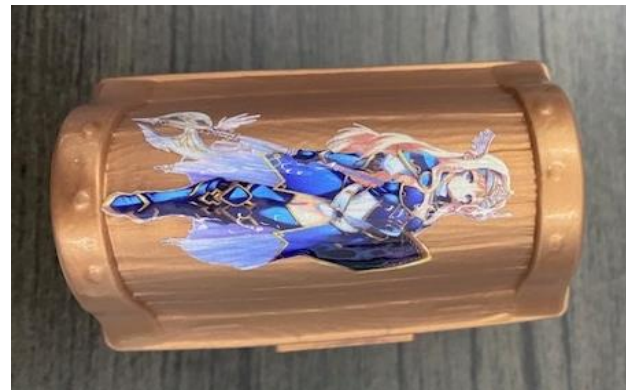
Gently peel away to remove the GTS Transfer Film.

Why GTS?

There are many applications where printing directly to an object is extremely difficult or impossible. The Roland DGA Graphic Transfer System (GTS) makes it quick and easy to transfer vibrant, pre-printed UV graphics to irregularly shaped objects, such as those with uneven surfaces, corner rounding, and extended lips or edges, that can't be direct-printed on. GTS also offers a great way to decorate high-end products that cost too much to allow failure during printing. Additionally, GTS is ideal for creating specialty decals with a high-end look.

GTS allows for the transfer of complex graphics on a variety of surface structures that a standard printing process won't allow:

- Extreme depth
- Uneven surface
- Round corners
- Improved adhesion
- Easy storage and transport
- Retail applications
- Impossible LEF2 positioning/size



Markets & Customers

GTS is designed primarily for commercial, retail, and wholesale markets. This application is new to these markets with limited awareness within the end-user space, this allows it to be an exciting new application. Many potential markets for GTS are just being discovered, making it a truly exciting product with a wide range of possible applications.

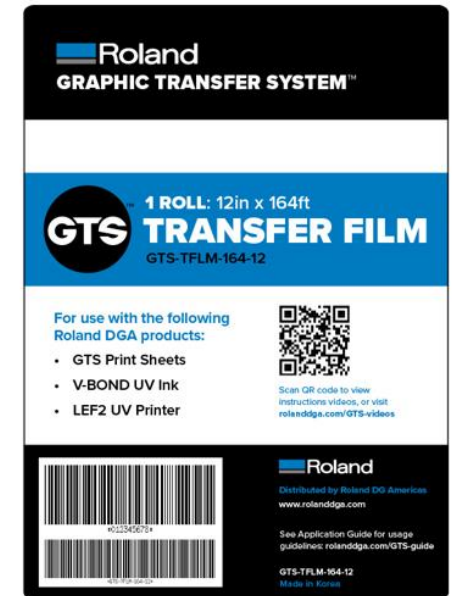
- Retail Specialty
- Brand printing
- Wholesale and Resale
- Home-based SOHO
- Manufacturers - Inline production space
- Added Value Market
- High-end retail decorations



GTS Media Pricing

25 Pack	
Print sheets (25 pk):	\$74.99
Transfer film/roll: 25 m	\$59.99
Total:	\$134.98

100 Pack	
Print sheets (100 pk):	\$337.99
Transfer film/roll: 50 m	\$119.99
Total:	\$457.98



GTS SKU

- Print Sheet 100 Pack GTS-PS100-A3
- Print Sheet 25 Pack GTS-PS25-A3
- Transfer Film 50M GTS-TFLM-164-12
- Transfer Film 25M GTS-TFLM-82-12

FAQ's

Q: How do I know when to use GTS or print directly to an object?

A: Many objects can be printed on directly, however when challenged by uneven surfaces where the head can not be within 4mm consistently, or when printing on problematic surfaces where adhesion is in question (such as glass), GTS™ is an ideal solution

Q: Can I mount GTS stickers on drinking glasses, and if I do, can it run through a dishwasher without falling off?

A: We always advise testing any materials that you plan to put in the dishwasher. It is important to note that not all glass surfaces are the same, and the outcome may vary, We have conducted tests on glass, metal, and ceramic using a standard home dishwasher, and we found satisfactory results with these materials. However, it is still recommended to test it yourself to ensure the stickers adhere well to your specific glassware and that it meets your expectations.

Q: Can I run these through an industrial dishwasher?

A: We have not tested this application, so we recommend testing. Most Industrial dishwashers run at extreme heat and have incredibly high pressure while rinsing; not recommended.

Q: Do I need to print the two overprints of white and follow the exact print method you have outlined in this document?

A: You are not bound to follow our recommended printing method. You are free to experiment and develop your own methods. However, we have done extensive testing and development of this application and want to give you a successful baseline to start from.

Q: Can I use another ink type other than V-Bond Inks?

A: We developed this method with V-BOND and have had the most consistent success with bond and adhesion using these inks. However, if you want to experiment and try other inks, that's up to you.

FAQ's

Q: Some of the examples in this guide do not have a lot of fine lines or significant detail. Will GTS work with finer, more detailed images?

A: We have successfully transferred small, detailed images with GTS™. However, remember that such graphics will require greater attention and slower peeling of the transfer sheet.

Q: What is the best way to add the transfer sheet to the print sheet?

A: It is essential to get a good solid bond with the graphic, and a laminator is the most consistent way to achieve this. Alternatively, you can utilize a squeegee to bond the two materials.

Q: Is the graphic flexible once it is released from the transfer sheet?

A: V-BOND Ink is formulated for durability, which makes it not very flexible. For this reason, it's always best to test before the print run if you have concerns about expectations.

Q: How do I remove the excess adhesives left behind from the transfer sheet?

A: An adhesive remover, such as Grafix Gone or Goof Off, can work well. Remember that it's best not to over-wipe your graphics when removing any excess adhesive.

Q: Can I mount my graphic right after printing and applying the transfer sheet?

A: While the immediate transfer is possible with a firm bond between the print sheet and the transfer sheet, it is recommended that giving the prints time to rest before transferring allows for a smoother release from the transfer film.

Helpful Tips

1. When peeling fine detail images like small type or fine lines, apply a good amount of pressure when mounting, peel away from the tip, and ensure the end has a good bond before peeling.
2. After you position your graphic, use a squeegee on the graphic only. Don't apply too much mounting pressure to non-graphical areas of the transfer sheet.
3. Testing adhesion to your material is recommended before performing long-run sets of graphic transfers
4. If you have an issue applying one side of the graphic, try moving to another angle and peeling the transfer sheet into the stubborn area.
5. Once an area of the graphic is bonded, the adhesive liner will tear around the object; therefore, don't use much pressure on the non-graphic site of the transfer sheet.



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Thank you.