

DGI-Invisuals is committed to finding printing solutions that will meet the “green” demands of our customers. Environmentally friendly products in the graphics industry are evolving and finding the balance between quality and eco-friendly materials can be challenging. DGI-I currently offers several products of which have been tested in our shop for color, durability, and quality. We are proud to be able to offer the following solutions:

FABRIC BANNERS

We now offer Enviro-Tex fabrics by Fisher Textiles. These fabrics are made with recycled yarns called Repreve®. These yarns are made of 100% recycled materials. Repreve® meets the FTC guidelines for recycled products. It also conserves natural resources by reducing energy consumption and conserves petroleum resources by offsetting the need to produce virgin polyester. These fabrics offer consistent quality by adhering to first quality standards. This fabric material is fire rated and can be stitched like any other banner materials with pole pockets, hems, grommets and custom finishing. When your event, display, or showcase calls for a green solution, Enviro-Tex answers the call.



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RIGID GRAPHICS

In addition to banner solutions, DGI-I offers solutions for rigid graphics as well. One of the products is Earthboard, which is a 50pt card stock that is made up of 100% recycled paperboard (minimum of 35% PCW) - The front and back is bright clay coated and has a brown chip center. Other green substrates include a full line of foamboards which are formulated with bio resins that cause the discarded foamboard to degrade in landfills or commercial composters once the foam is exposed to a bacteria rich environment. Both solutions are printed directly onto with our flatbed printer. This process does not emit VOC's into the environment; yet another step that DGI-I has taken to lead the way with environmentally friendly products.



Earth-Friendly Glossary

- **Renewable** means made from a resource that's inexhaustible (like solar energy) or replaceable by new growth (like plants or trees). Examples of these products include most papers and cotton textiles.
- **Recyclable/Reusable** means able to be recovered and reprocessed after use, thereby minimizing waste generation. Examples include aluminum cans, paper, and bottles.
- **Re purposed** means used again in another way - turning used large-format banners into purses and totes, for example.
- **A biodegradable** material is capable of being broken down under the action of microorganisms into carbon dioxide, water and biomass. The process can take a long time, depending on the environment, but it ultimately breaks down the item completely.
- **Decompose** means to become broken down into components, or to disintegrate. A compostable material biodegrades substantially under composting conditions. The size of the material is a factor in determining compostability because it affects the rate of degradation. Compost-compatible materials are generally inert and are present in compost are relatively low levels. Examples include sand particles and inert particles of plastic.
- **A VOC** is a volatile organic chemical (or compound) that's produced when solvent chemicals are released into the air; VOCs are released when inks with a solvent base dry after printing.
- **Green, Eco-friendly, and Earth-friendly** can mean whatever you want them to mean, there are no standards or definitive definitions of these terms. They could mean the product or process is the most “green” available. Or they could mean that the product is now better than it was before.

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VINYL BANNERS

DGI-I is now offering BIOflex™ banner vinyl made by Ultraflex. This banner material is a durable white, flexible 13oz banner material. It is tear and fade resistant and will withstand all types of weather conditions. We can stitch pole pockets, hem sides, add grommets and do custom finishing to this new green banner vinyl solution. The BIOflex™ material contains no toxic materials, and is derived from 80% sources other than petroleum. The time needed for BIOflex™ to vanish into a landfill is of the order of months, depending on thickness and quantity added. BIOflex™ has been engineered to be the first truly environmentally friendly, biodegradable PVC sign material.



EARTH FRIENDLY FUTURE

Whether it is fabric banners, rigid substrates or recyclable vinyl solutions, DGI-I continues to expand our line of environmentally friendly graphic solutions and will add more products when they become readily available. Unlike other graphic providers, DGI-I thoroughly tests new products before offering them to the market. Each product is put to the test in our own facility long before we will provide them to our customers. Our commitment to research and our dedication to quality ensures that by working with DGI-I you chose the leader in “green” product offerings. We don't just say they will work, we prove it.

