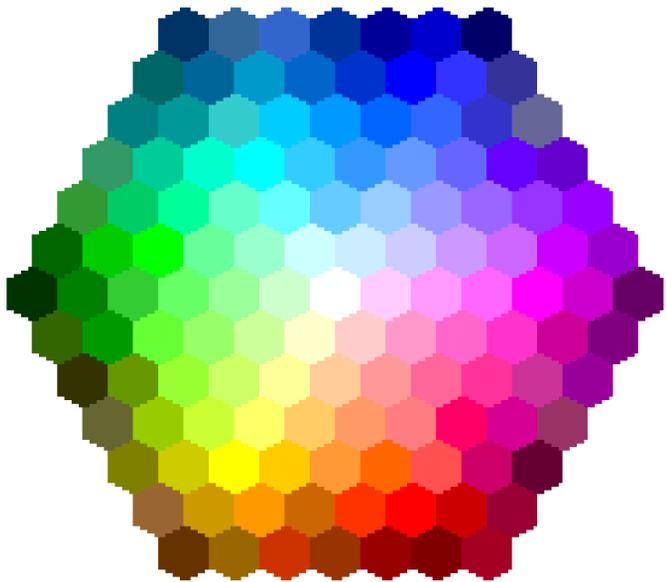


High Tech Printing

Adding to the list of customization and modifications, Fibox Inc., now offers Laser Screen Printing for all our enclosures.

Laser Screen Printing technology allows custom decoration, marking and variable data printing of thousands of items that were previously not possible to affordably digitally decorate. Many of Laser Screen Printing's unique capabilities cannot be duplicated by any other printing technology.

Ask Fibox, about updating your screen printed nomenclature or adhesive logos today!



Laser Screen Printing allows for picture perfect quality in any color

Case Study: A Sticky Situation

An east coast Smart Building Solutions Company offering an affordable facility monitoring and controls platform for the commercial and industrial building market wanted a better solution than fixing stickers on their products.

The manually applied labels were inconsistently placed, many were off level and more importantly would peel over time.

After examining a sample of a Fibox enclosure with the print work, the client recognized the quality and value of the superior Fibox enclosure with the Laser Screen printed logo as compared to the cabinet they used previously with a vinyl logo sticker.

Even though the Laser Screen Printing process cost 15 times more as compared to a vinyl logo sticker, the overall finish and quality of the printing on the Fibox enclosure was incomparable as it added to the overall quality of their product and was worth the increased costs.



The Advantages of Laser Screen Printing are extensive:

1. The ability to print on a wide variety of materials, treated and untreated, including PVC, PET, ABS, acrylic, wood, glass, boards, metals, soft fabrics, and leathers.
2. The ability to print on thick 3D items, such as an enclosure.
3. Most UV-curable ink sets include CMYK, white, and clear. Using the white ink as a base, Laser Screen Printing can print white and full-color on dark items and both sides of clear products.
4. The ink dries almost instantaneously on the substrate surface. Dot gain and color saturation are optimized because there is no time for ink dots to spread. Also, there is no ink absorption into the actual substrate. The inks firmly bond to the substrate surface.
5. Due to the instant drying time, multiple layers of both white and clear ink plus CMYK colors may be applied simultaneously in a single printing pass. This process allows for ultra-fine details and small fonts to be printed. The inks can also be applied selectively to build up embossed objects and letters, including unique custom textures and braille. Also, the clear ink can be “flooded” over the entire or selected areas of the substrate to increase durability or provide a higher gloss finish. The level of gloss depends on the number of clear layers applied.
6. The inks used are environmentally friendly.
7. Finished products are scratch resistant and exhibit good lightfastness.
8. Fast production times are possible. Fully decorated items can be packed immediately right out of the printer. No additional production steps are required.
9. The cost of the Laser Screen Printing process is comparable to traditional silk screening, with all the added benefits listed above.

Contact your local Fibox representative or visit www.fiboxusa.com and learn how Laser Screen Printing can help your business.