Chromaluxe Textured Hardboard

JOHNSONPLASTICS PLUS

CHROMALUXE TEXTURED HARDBOARD - UVLED Printing

UN4823 | UN4824 | UN4825 | UN4826 | UN4827 | UN4828 | UN4834 | UN4835 | UN4836 | UN4837 | UN4839 | UN4840 | UN4841 | UN4842 | UN4843

SHTP



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GENERAL UVLED PRINT PROCESS

Recommended Equipment & Accessories

- UVLED printer
- Clean Towel
- Alcohol for cleaning
- Optional: Tacky mat
- Optional: UV Adhesion Promoter

Recommended Settings	
Ink Type	Hard Ink (Color Only needed)
UV Lamp	100%

General UVLED Printing Instructions

- Wipe the surface of the sheet down with alcohol and soft cloth to clean off any oils or dirt.
- If needed, apply a UV adhesion promoter rated for plastics or similar surfaces to the surface of the sheet.
    - Testing of the adhesion promoter may be needed to determine if the ink adhesion increases, and to make sure the promoter does not react with the coating on the product.
- Place the sheet on the printer bed. If necessary, use of a jig is recommended to help hold the sheet.
- Focus the print head to the surface of the sheet.
- Place the printer into print-ready position and send job to the printer.
- When finished, remove the sheet from the printer bed.
- Allow 24 hours for the UV ink to fully cure.

Note: Products are not recommended for use with food after the image has been printed.

Tips and Tricks

- To help with artwork placement, utilize the product template for this item, found on the item's product page on jpplus.com/..
- Create or employ a jig to help hold the product for easier positioning and faster changeovers when UV printing high volumes.
- Testing of the adhesion promoter may be needed to determine if the ink adhesion increases.

Troubleshooting

- The image scratches off easily.
  - Apply adhesion promoter to help increase the adhesion strength of the ink on the product surface.
  - Ensure that the adhesion promoter being used is rated for the material type that is being printed on.
  - Ensure that the adhesion promoter is not expired.
  - If the cloth that is used to apply the adhesion promoter is overly saturated, there may be too much promoter used on the product, which can cause adhesion issues.
  - If the cloth that is used to apply the adhesion promoter has been used for a long time, the promoter currently in the rag may now be dried and oxidized. Mixing old and new promoter can cause adhesion issues in some cases. In such case, dispose of the old rag and use a clean, new rag to apply promoter.
  - Printing white only, or printing white with color will usually not have as high of an adhesion strength as printing color-only, even with the use of adhesion promoter.
  - Allow 24 hours for the UV ink to fully cure and to achieve maximum adhesion strength.
  - Increase the UV lamp setting if it is not already set to 100%.
  - Some materials used on components of some products may not be well-suited for high adhesion strength on UVLED print technology.
- The image is fuzzy, has fuzzy edges, or appears blurry.
  - The print head may be slightly out of focus with the surface of the product.
  - If printing on a curved product surface, the curvature of the product may be out of focus of the print head.
  - If printing on a cylindrical device, use a rotary attachment if available to prevent the print head from falling out of focus.
  - Run a nozzle check on the printer to ensure that all print nozzles are firing properly during printing.

Templates and Images

- Visit jpplus.com to find the product page for this item. The product template may be found under the Tech Docs and Downloads area of the page.

To order more of this product, see similar products and much more, please visit jpplus.com.

For additional product support and troubleshooting, please contact JPPlus Advanced Support Team:

- Phone: 419-500-4877
- Email: ast@jpplus.com
- Schedule an appointment: https://jpplusadvancedsupport.setmore.com/

Mar-22