Product Handling

Convertible Solutions pre-converted paper uses cohesive and re-moistenable glue technology on many products. Additionally, several products include scores, perforations, attached cards, peel-off labels and other features that are pre-applied to the paper stock prior to printing on your press. Understanding the glue characteristics as well as a few other nuances involved with running pre-converted paper stock will help in the printing, folding, bonding and performance of Convertible pre-converted products.

Paper Storage:
Products using cohesive and re-moistenable adhesives must be stored in a temperature range of 10 degrees to 30 degrees Celsius. Extreme heat, cold or humidity could render the adhesives ineffective. Product must be kept in its original sealed wrapper to ensure consistent moisture content of the paper is maintained. Normal shelf-life of product utilizing adhesives is from nine months to one year, assuming proper packaging and storage of the product. Pre-converted paper utilizing adhesives that are left exposed to light and air will deteriorate the performance of the adhesives.

Paper Handling and Printing:
Unused sheets and partial rolls of pre-converted paper should not be left exposed to air and light. Place any unused sheets back inside their original packaging, or partial rolls should be rewrapped until their next use. All paper products should be acclimated to the press room environment twenty four hours prior to printing. The recommended press room environment should be 40% to 60% relative humidity and a temperature of 21 degrees Celsius. Fan the paper before running on the press if it is a sheeted product.

Perforations:
When overprinting perforations on some digital presses (e.g. HP Indigo) a perforation image may transfer to other locations on subsequent sheets. If this would occur we suggest not to print on the perforations or to print 4/0 and reprint the other side.

Activating the Cohesive:
After printing, trimming (if necessary), and folding, pressure must be applied to any cohesives in order to activate the bonding characteristic of the adhesives. Activating cohesive products requires a minimum of 400 pounds of pressure per square inch (about 30 kg/cm2) to activate the cohesives to adhere properly. The cohesive glue is not an encapsulated glue or an AIB glue; therefore, it will not bond to blank paper or other substrates. Cohesive glue is dry to the touch and bonds only to itself when adequate pressure is applied. There are many options you can use to bond Convertible cohesive products. Some of these options are; buckle folders with steel rollers, sealing machines that use rollers to apply pressure, and flat bed cutter clamps. *If using a Flat Bed Cutter clamp to activate cohesives, you must simulate a cut. Place the glue sections of stack under the clamp bar (do not trim unless necessary). Simulate a cut with pressure to provide a minimum of 400lb (about 30 kg/cm2 ) of pressure as noted above.

NEVER OVERPRINT OR SEAL COAT THE ADHESIVES: Cohesive and re-moist glues must not be over-printed or coated with any treatment including UV coating. Any coating or ink/toner applied to the cohesive or re-moistenable glue will impact their adhesive properties and may render them completely ineffective. Please consult your sales representative for more information.

Exposure to Light: UV coatings are commonly applied to our products to improve image durability and enhance appearance, and UV coatings are cured with a UV light source. Exposing cohesives to an intense UV light source, such as the type used to cure UV coatings, will render them completely ineffective almost immediately. Furthermore, unsealed cohesive exposure to any type of light, over an extended period of time (weeks or months), will generally degrade their performance. It is for this reason we recommend covered or boxed storage of our products. Please consult your sales representative for more information.

Curing Time:
Convertible pre-converted products utilizing cohesive glues will cure to a stronger bond after folding and sealing in just a few hours. Within twenty-four hours after folding and sealing, the cohesive glues will be very secure and will tear paper fiber when pulled apart. This allows products using cohesive glues to be secure seal products.

For presses that utilize Fuser Oil:
Due to the nature of the fuser oil flood coating the entire sheet while printing, the performance of our glues is adversely impacted. Therefore, it is necessary that customers with presses utilizing fuser oil run confirmation tests using our products on the press first to evaluate glue performance before ordering and running production.

Disclaimer:
These product handling instructions are general recommendations based on Convertible's experience and typical customer usage of the products. The Buyer shall be solely responsible for the implementation of its own operations and practices. Convertible disclaims any knowledge or responsibility for Buyer's operations and practices. Furthermore, Convertible assumes no obligation or liability for any advice or recommended operating practices given to Buyer that are in addition to or different than anything set forth in these product handling instructions or for any results obtained by Buyer based on such advice or recommendations. Any liability in product performance is limited to the replacement of the Convertible Solutions product.
Product Return

After receiving advance written authorization from Convertible to return product, please return the product in accordance with the following instructions, or as an authorized Convertible representative may otherwise instruct you in writing.

ROLLS

All original packaging labels must accompany the rolls back to Convertible. Clearly mark any defects and re-wrap the rolls with moisture resistant material and re-band securely for transport. Core plugs must be installed before shipping to prevent crushed cores. A copy of the original shipping and sale documents, when available, should accompany the returned product. A copy of the return authorization received from Convertible.

SHEETS

All original carton labels must accompany the product back to Convertible. Broken carton products must be re-sealed in their original cartons and skids must be banded securely for transport. Clearly mark any alleged defects on the sheets of product. A copy of the original shipping and sale documents, when available, should accompany the returned product. A copy of the return authorization received from Convertible.

Convertible shall examine the returned product and determine if any alleged product defect claim falls under the product warranty provisions.

Should Convertible determine that the product falls under the warranty, Convertible shall, as quickly as reasonably possible, replace or recondition, at Convertible's discretion, the product. Should Convertible determine that the product does not fall under the warranty, Convertible shall advise the Buyer. The Buyer shall determine if they wish to have the product replaced or reconditioned at Buyer's cost. Buyer shall pay all outbound and inbound shipment and handling costs for returned product.