



NEENAH IMAGEMAX® PAPER CARD PRODUCTION TIPS

NEENAH IMAGEMAX® Paper Card is a custom-engineered paper alternative to PVC-based stored value card substrates, specifically designed to be compatible with all aspects of the card production process. To ensure optimum performance, below is a list of recommended handling, printing, and converting processes for NEENAH IMAGEMAX® Paper Card. These recommendations may change depending upon the specific equipment being used; we encourage testing on sample sheets (available at no charge via our Customer Service department) prior to production in order to ensure you achieve your desired results.

Storage/Handling:

- Do not double-stack skids
- Maintain storage and pressroom temperature of 70 – 75 degrees (F) and 40-55% relative humidity (RH)
- Do not remove original packaging until material has acclimated (for a minimum of twenty-four hours) to pressroom conditions and is ready to print
- For best results, keep unused product wrapped and stored as recommended above – exposure to wide fluctuations in temperature or humidity may adversely affect performance

Printing: Press setup is standard for 28pt caliper sheets. For offset lithography, it is strongly recommended to print using a UV process. To optimize print performance, consult your ink supplier for guidance specific to your printing equipment/process. For both digital and offset processes, sheets must be run in the grain long direction.

Mag Stripe Application/Bar Coding: To insure proper mag stripe adhesion, apply directly to the surface of the paper and avoid contact with any inks or coatings; the proprietary surface coating is designed to be compatible with UV cured DoD imaging equipment. For optimum performance, adjustments to ink volume and line speed are recommended – we strongly encourage testing on the imaging lines prior to production. Contact our technical services team for additional support.

Trimming/Die-cutting: NEENAH IMAGEMAX® Paper Card is designed to work with all traditional card punch presses, flatbed die cutters, and PMC equipment. Particular attention should be paid to the cutting die as rule sizes, bevel angles, and die hardness play a large part in ensuring clean cutting and optimum performance. Consult your die manufacturer for guidance specific to your die cutting equipment and process.

Affixing: NEENAH IMAGEMAX® Paper Card is compatible with a wide range of carrier stocks and readily accepts most fugitive glues; we recommend using adhesives at a temperature of not greater than 315°F. Testing on carrier stock is strongly encouraged, as some materials may require a coating to ensure desired tack/release properties.

For more information about NEENAH IMAGEMAX® Paper Card or our other premium packaging papers, please visit www.neenahpackaging.com or contact the Neenah Customer Service Center at 1.800.558.5061.

Note: *These production tips should be used as general guidelines and are not inclusive of all printing and finishing methods. Neenah recommends always pretesting for desired results prior to full production.*