Appleton Digital™ Synthetic Paper

Printing Tips

The following are printing tips for Appleton Digital Synthetic Paper. Multiple printing tips may be applicable depending on your printing configuration and/or equipment. Appleton Digital Synthetic Paper received a 3-star rating from RIT’s HP Indigo certification program.

Prior to Printing:

- Pre-test the end use application with all the intended printing and finishing techniques to ensure the product will meet end-use requirements.
- Acclimate the stock to the press area several hours prior to running. We recommend storing the material in the press area (in the carton) 24 hours prior to use. Ideal pressroom conditions are 72°F and 40% to 50% relative humidity.
- Limit handling of the sheets prior to printing. The substrate is sensitive to the oils from hands. We recommend tossing the top and bottom sheets. Each carton has 2 extra sheets to account for sheet loss due to handling.
- If product has static prior to printing, consider additional time for acclimation or pre-treating the product with ionized air or anti-static spray compatible with your print device.

When Digital Printing:

HP Indigo

- The HP Indigo is the only recommended printing device for this substrate.
- Appleton Digital Synthetic Paper is listed in the substrate catalog for the HP Indigo. We recommend pulling the scripting for our offer prior to printing.
- Synthetic sheet products are more prone to static charging. Choose press settings that minimize applied charge and maximize discharging for best results.
- On equipment that uses fuser oil; duplex print jobs should be processed in short run lengths with either a bond print job or bond clean-up sheets scheduled between runs. This is common for all synthetic substrates.

High-heat Digital/Laser Printers

- Do not use in high-heat digital equipment or laser printers. The substrate will become unstable in the presence of high heat.
- The only recommended printing device is the HP Indigo.

When Offset Printing:

- Contact your suppliers to determine the recommended products to use with synthetic papers.

Each customer and/or end user should determine the suitability of any Appleton Digital Paper product for their particular application and equipment. Appvion, Inc. encourages testing the product on your particular equipment. Samples are available from your Appleton Digital Paper distributor upon request.