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## **Digital Printing Prepress Specifications**

If you have any questions regarding the information below, please contact your Graphics Coordinator. Prior to submitting final artwork, we recommend contacting your Graphics Coordinator to review the intended design (Preproduction call). When submitting final artwork, contact your Graphics Coordinator to confirm graphics were received.

### **Accepted File Types:**

- High Resolution PDF (preferred)
  - Adobe Illustrator CC
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- File submission needs to be via FTP (Customer site or Fres-co site). Do not utilize cloud services (Dropbox, WeTransfer, LeapFile, etc.) These sites are blocked by Fres-co System USA, Inc. security protocols.
  - Each file should only include one SKU. Multiple SKUs should be submitted individually.
  - Files must be set in CMYK mode (not RGB).
  - All Pantone colors will be converted to CMYK during printing.
  - Files with high % of ink coverage in sealing areas have the potential for ink fading during bag formation. If color fading is a concern, please remove /reduce ink coverage in the sealing areas.
  - Any file that contains a custom spot color must have a printed sample or color target provided.
  - Minimum type size is 2 point.
  - Metallic color effects are only available with aluminum foil laminated structures, and a pattern white separation (white is to be removed from the desired metallic areas).
  - Fres-co provided schematics must not be altered.
  - File layers: Schematic, and Pattern White should be on individual layers and separate from the rest of the graphics.
  - Bleed graphics 2mm past schematic edge.
  - Bleed Front / Back graphics into gusset (side) panels for graphics set to stop at the edge of a panel to allow for a proper forming tolerance.
    - For corner seal bags, bleed face & back 5mm into gussets.
  - FPO Barcodes Scale Sizes: 85% to 125%. Fres-co will replace all printed barcodes to ensure scan ability.
  - Contact the FDA or other agencies to ensure you are following their guidelines that apply to your product. Fres-co will not be responsible for artwork designs that are not in compliance.

### **Fonts:**

- All type should be converted to outlines.

### **CT's/ Photoshop Images:**

- All images must be set to a minimum of 300 DPI at final size.

**Fres-co must review and approve any variances to the above specifications.**