

ART FILE SPECIFICATIONS

OFFSET

specs @ a glance

Please work with your CastlePierce salesperson or account representative for specific questions. CastlePierce can provide guidance on material structure, design and help with graphic/print choices for consistent results.

Ink Units	8 ink units available + Coating Unit
Ink Specs	320% TAC 100%K, 40%C rich black
LPI / Screening	175 lpi / dot shape Euclidean / C75, M45, Y0, K15
Trap/Cutback	.002"-.004" (varies based on substrate, ink and layout)
Min. Type	Positive=4 pt, Reversed =5 pt (based on sans serif, regular font)
Min. Rule	Positive=.25 pt, Reversed =.75 pt (based on 1-color only)
Barcode	BWR =.003" QZ =.125" MAGNIFICATION=80%-130%
Bleeds / Safety	.125" bleed / .0625" copy safety (see CastlePierce dieline for bleed line, score safety subject to change if thicker stock)

If previous print sample exists, or desired color target, please provide prior to quoting

size/design: Artwork should be supplied using an approved CP CAD design. This design should be approved by the converter/filler **prior** to submitting artwork. Please contact your CastlePierce salesperson or account representative to initiate this process.

preflighting: It is recommended that a file be sent to CastlePierce for preliminary art review prior to sending in final art. Concerns and recommendations will be brought to your attention; it will be your decision to consider those suggestions and either resubmit artwork or have CastlePierce make the recommended artwork alterations.

file format: Preferred Adobe Illustrator files with support links/images (layered if possible) along with outlined fonts. InDesign, Photoshop and press-ready, layered PDFs are also acceptable.

codes: For 2D (UPC, EAN) and 3D codes (QR DATAMATRIX), 1 color is required; code should be positive reading and for optimal contrast, a white box with .125" border (QZ). Do not use red, light brown or orange.

ink colors: Final files should be provided using separations based on the quote/preflight suggestions. For Pantone colors, please use the Pantone Digital Library (Coated or Uncoated) or provide a color target to match for custom ink colors. If printing on metalized, clear plastic or colored substrate, white ink may be necessary and needs to be separated as a spot color in the file. An ink draw-down can be requested to see the desired Pantone or custom ink at 100% on the actual substrate, please discuss with the account representative.

coatings/varnish: If not indicated, an overall AQ coating will be applied for protection. If a gloss and matte contrast is desired, those areas need to be indicated as spot colors. For areas requiring writing, ink-jetting or gluing, they may need to be void of coating/varnish. Discuss coating/varnish options with account representative, ink drawdowns can be provided.

proofing: File adjustments and 4CP color-correcting may be required in order to match the supplied target. Soft proofs (PDFs) are low-resolution and are to be reviewed for content only. Color-contract proofs using GRACoL 2006 specifications will be output and need to be reviewed/approved prior to production. These will be used press-side as 4CP color target. *Please note, proofs are simulations for Pantone and custom spot colors.*

embellishments: If project requires foil stamping, embossing, or other treatment, those areas need to be clearly indicated as spot colors and or/layers in the file and this information is required upon quoting (see specifications). Design changes may be required to produce based on capabilities and production specifications.

CASTLEPIERCE

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EMBELLISHMENTS

These specifications are compiled from industry providers and are subject to change based on structure design, graphics, print techniques and stock review.

FOIL STAMP	EMBOSS
Min. Rule Thickness=.25pt (.0035")	Min. Size=.5pt (.0069")
Min. Size=.5pt (.0069") (if needed use .009" trap)	Min. Rule Thickness=1pt (.0139")
Min Size Reverse (negative)=.75pt (.0104")	Pullback from folds, creases, cuts=1/16" (.0625")
Pullback from UV Coating=1/32" (.03125")	<i>Suppliers may make additional adjustments to supplied files for production purposes.</i>
Pullback from Raised Coating=1/16" (.0625")	

