

Artwork Preparation Guide

HEAVY-DUTY SYNTHETIC POLYLASER LABELS

Achieve crisp detail and durable print results for your **Polylaser** synthetic labels by following these technical preparation guidelines.

File Technical Requirements

File Format	PDF/X-1a, Vector PDF (strongly recommended for sharp text and barcodes).
Resolution	300 DPI standard / 600 DPI recommended for micro-text and barcodes.
Color Mode	CMYK (Coated FOGRA39). Convert all RGB colors before exporting.
Bleed Margin	Include 2 mm (0.08 in) bleed margin on all 4 sides.
Safe Margin	Keep critical elements at least 3 mm (0.12 in) away from die-cut lines.
Dieline Layer	Dedicated layer named CutContour using a 100% Magenta Spot Color set to Overprint.

Best Practices: DOs and DON'Ts

DO (Recommended)	DON'T (Avoid)
- Set Barcodes & QR Codes to 100% Solid Black (K: 100%) to ensure 100% scanner readability. - Keep text elements in vector format (convert fonts to outlines). - Always include the 2 mm bleed margin around your design boundaries. - Set dieline stroke settings to Overprint.	DON'T create barcodes using 4-color CMYK (causes blurry edges and scan errors). - DON'T supply low-resolution pixelated artwork (< 300 DPI). - DON'T use line stroke weights thinner than 0.25 pt. - DON'T place thin borders too close to the trim line.

Material-Specific Tips for Polylaser

- Polylaser synthetic polyester stock offers extreme resistance to water, oils, tearing, and smudging.
- Ideal for bath/shower products, household chemicals, outdoor gear, and refrigerated packaging.