

Offset Lithographic Printing

Artwork & file specifications for Quad's Packaging facilities

Print Limitations

Line Screen | 170 LPI

Screen Angles | 15K / 75C / 45M / 0Y

Minimum Type Size

Positive Copy Single Color | 4 pt 2 Colors & over | 6 pt

Reverse Copy Single Color | 4 pt 2 Colors & over | 6 pt

Minimum Rule Weight

Positive Copy Single Color | 0.125 pt

Pos. 2 Colors & Over | 1.0 pt

Reverse Copy Single Color | 0.5 pt

Rev. 2 Colors & Over | 1.5 pt

Safety | Copy must be at least 1/16 inch from trim and folds

Total Black Ink Limit | 100%

Total Ink Limit | 300% Coated / 260% Uncoated

Traps | 0.003"

Bleeds

External | 0.125"

Dust Flaps | 0.25"

Over Score | 0.125"

Glue Flaps | 0.125"

Contact Quad today:
866-824-2869 / info@quad.com

Press Capabilities

Maximum Colors

Most printing locations have the capability of printing up to 7 colors front side (both process colors and spot colors), plus coating. Please confirm with your Quad representative for specifics.

Standard Ink Lay Down Sequence

PMS - K - C - M - Y - PMS - COATING

Metallics and darker inks should lay down last

Bar Code Specifications

UPC

Magnification | 100% (But can be job-specific, however not less than 80%)

Truncation | Bar codes can be truncated

Bar Width Reduction | 0.0015"

Quiet Zone | 0.015625"

Code 128

Magnification | 100%

Truncation | Bar codes can be truncated

Bar Width Reduction | 0.0015"

Quiet Zone | 0.015625"

Code 3 of 9

Magnification | 100%

Truncation | Bar codes can be truncated

Bar Width Reduction | 0.0015"

Quiet Zone | 0.015625"

Die

Die Supplied | Must use supplied EPS / DXF dieline

Prepress Proofs

All proofs must include die overlay and be color accurate for compliance to the appropriate industry standard for the substrate.