

Offset Lithographic Printing

PACKAGING SOLUTIONS

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 - .125 pt

Pos. 2 Colors & over - 1.0 pt

Reverse Copy Single Color - .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**

TOTAL INK LIMIT: **260% UnCoated**

TRAPS: **.003"**

BLEEDS

External - 1/8 inch Dust flaps - 1/4 inch

Over score - 1/8 inch Glue flaps - 1/8 inch

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

Metals and Darker Inks should go down last

For more information, please contact your Quad representative

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: **.0015"**

QUIET ZONE: **.015625"**

CODE 128

MAGNIFICATION: **100%**

TRUNCATION: Bar codes **CAN BE TRUNCATED**

BAR WIDTH REDUCTION: **.0015"**

QUIET ZONE: **.015625"**

CODE 3 OF 9

MAGNIFICATION: **100%**

TRUNCATION: Bar codes **CAN BE TRUNCATED**

BAR WIDTH REDUCTION: **.0015"**

QUIET ZONE: **.015625"**

DIE

DIE SUPPLIED: *Must use supplied EPS / DXF dieline*

PREPRESS PROOFS

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

See how we can help.

     866.824.2869  info@quad.com  QUAD.com

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