



## Flexo Artwork Specifications

- Presses
  - Ten-Color Comco Proglide Press
  - Fourteen-Color MPS EF Press
- Type & Line Size
  - Minimum type size (in comparison to Helvetica typeface)
    - Positive: 4 point regular (minimize horizontal scaling and condensed type)
    - Reverse: 6 point bold (no condensed or horizontally scaled type)
  - Minimum line size
    - Positive: .005" (.3603 point)
    - Reverse:
      - with machine direction: .0139" (1 point)
      - against machine direction: .01695" (1.25 point)
- Trademark™/ Register ®/ Copyright ©
  - Minimum positive text/ 5-point regular
  - Minimum reverse text/ 5-point bold
- Please do not reverse type out of process areas without a minimum .013" (1 point) outline.
- A minimum of .01695" (1.25 pt.) is recommended for drop shadows. (If any thinner, the probability of misregistration will increase)
- Trap Size
  - Minimum color to color trap size: .0156" (1/64" or 1.1232 point)
  - Minimum key line (holding line): .0139" (1 point) (The chance of misregistration is greater when using the minimum key line)
- Line Screens
  - 2% to solid @ 150-line screen. (Steinhauser recommends using digital photopolymer plates for better print quality of screens)
  - Due to dot gain characteristics of the flexographic printing process, a 2% dot will gain to a 5% dot.
- UPC Codes
  - Recommended minimum Universal Product Code (UPC) print size
  - 85% size, if non-truncated\*
  - 100% size, if truncated
  - Quiet Zone 1/8" clear area in scan direction
  - *\*Steinhauser will not guarantee scan-ability of UPC Codes below 85%.*
- Position: In order to minimize bar code scanning problems, position the bars running with the direction of the printed web, not perpendicular to it.
- Color: The optimum combination is black on a white background. Do not print symbol bars in red or any color that is predominantly red. Dark blue, dark green and dark brown bars on a white background are other options.
- Plate Breaks (plate breaks are required for all flexographic flat plates)
  - Standard size: 1/8"
  - Incorporate a clear space on the top and bottom of package, no less than 1/16" to accommodate plate breaks