Bar Code

Approved Bar Code UPC-A NDC HRI

Bar code is mandatory for Retail Packaging and optional on Sample Packaging.

Design Guidelines for Bar Code UPC-A NDC HRI

Font family   OCRB human readable font.

Font weight   Regular.

Size

Preferred size: 100% magnification.

Minimum size: 80% magnification.

Truncation

Preferred truncation: None.

Maximum truncation: Bars must have a height of at least $^1/_2$" (12.7 mm; 36 points).

Encoding

To bar code an NDC number in U.P.C. symbology, the number system character "3" is encoded first, followed by NDC number and a modulo-10 check digit, thus creating the complete UCC-12 code.

The check digit is calculated on all 11 leading digits, including the leading number system character "3."

NDC number should be represented in the 5-3-2 format. Hyphens should not be encoded in Bar Code.

Placement

Preferred: Bottom panel or flap.

Alternate: Left side panel.

Exception: If indicated differently on the Engineering Drawing Specifications.

Caution: If carton has an automatic bottom, make sure Bar Code is visible when carton is folded.

Alignment

Bottom panel or flap: Centered, vertically and horizontally.

Left side panel: Orientation 90° counterclockwise; center vertically and horizontally or right align.

Quiet Zone

Quiet zone should be $^1/_4$" on all sides of Bar Code.

Color   Black.

Background: There should be no background or gradient behind Bar Code. If there is a background on the carton, the bar code must be set in a white box to prevent scanning interference.

Reference

21 CFR Section 201.25. Bar code label requirements.