

## BLU RAY SLICK

TCAU Specification

TSA 304

Issue: 1

March 2011

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**Printed material which does not conform to the relevant specification may require manual insertion at an additional charge or be considered unworkable**

### Material:

#### Paper Stock:

- Type: Wood free art paper coated on both sides
- High gloss finish is not acceptable for automated packing
- Weight: Stock A2 150 – 190 gsm (automated packing)
- Allow 3mm bleed all round
- Trim & perforation marks to show 1mm into the bleed
- Catalogue number must appear on the final product

### Barcode Format:

It is the symbol producers' responsibility to ensure the barcodes will scan

- Border dimensions for barcodes acceptable to enable detection on automated inline barcode scanner



- Barcode Type: EAN 13 100%
- Orientation: Lines Vertical
- Barcode Height: 16.00 mm minimum
- Barcode Width: 25.00 mm minimum
- The UPC Barcode is printed within a white box measuring a minimum of :  
33.00 mm by 22.00 mm
- The left and right hand side of the white box must not be infringed by text or other artwork
- The "Quiet Zone" (clear space border) must be greater than: 4.00 mm
- Medium Density: (0.33mm) required
- Wide/Narrow Ratio: 3:1
- Print Contrast (PCS) : 0.90 + / - 0.07 (LAMBDA = 633nm)

**Note: Drawings Not To Scale**

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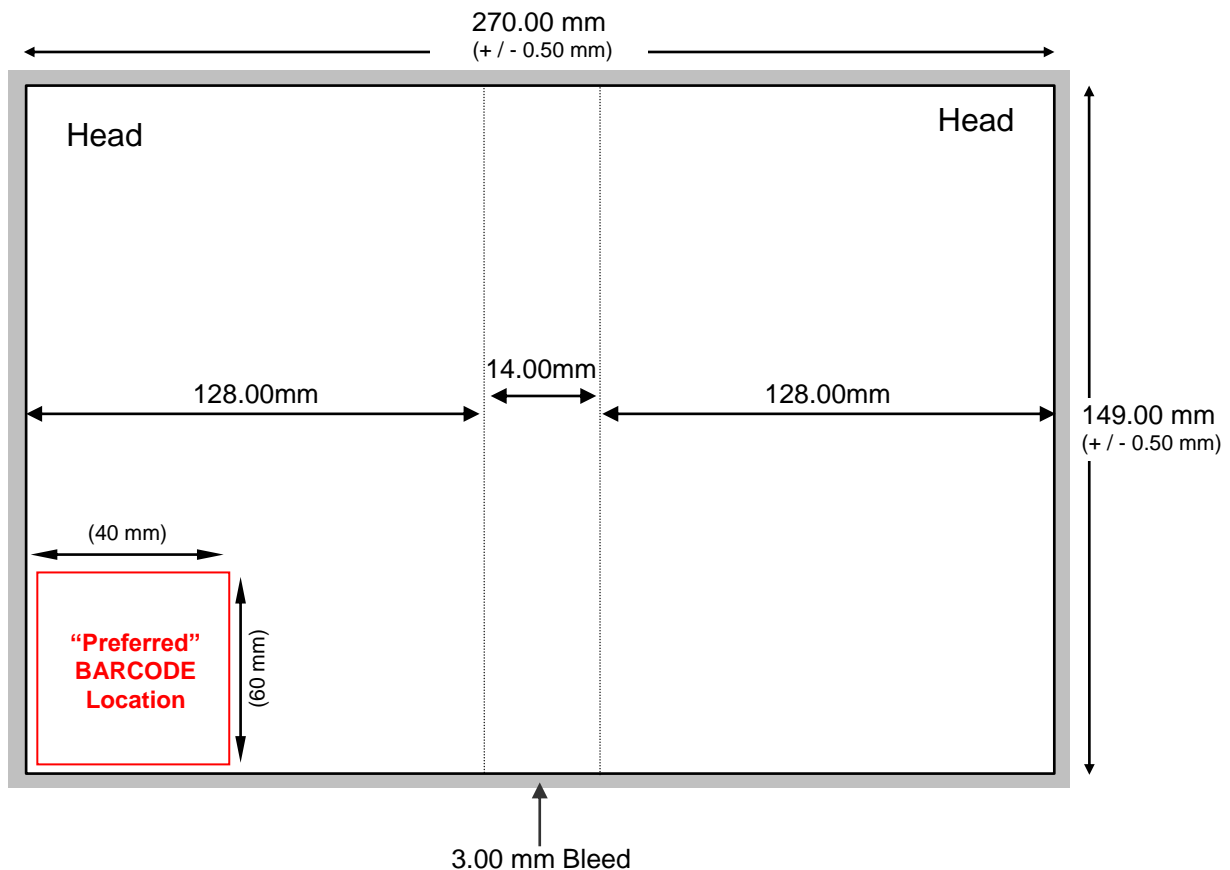
### Slick Dimensions:

As per diagram below

Note: Drawings are not to scale

### Barcode Placement:

- Visible on the outside back page of slick, and printed at least 3 mm away from any seams
- 99% detection accuracy can be provided by the automated inline barcode scanner if the barcode is placed in the **“preferred”** location as indicated below



**Note: Drawings Not To Scale**