



2.2.2.2 GTIN-8

The allocation of a GTIN-8 is restricted to trade items that genuinely cannot accommodate a larger EAN-13 Bar Code. These can only be obtained directly from GS1 Australia and are represented in an EAN-8 Bar Code. For details regarding the EAN-8 Bar Code, including dimensions, please refer to chapter 9, section 9.2.2 EAN-8 Symbol Specifications on page 197.

Before applying for a GTIN-8 you should consider, jointly with the printer/designer, all available options for using an EAN-13 Bar Code. Every effort must first be made by the applying company to incorporate an EAN-13 Bar Code onto the packaging. This includes:

- Whether the label of artwork can reasonably be changed to enable the printers recommended size of an EAN-13 Bar Code to be included (e.g. redesigning the label, increasing the label size, especially when the existing label is small in comparison with the pack area, or using an additional label).

- Reducing the magnification (size) of the bar code. This must only be done if printing conditions allow. The magnification of the bar code must always meet GS1 Specifications.

When applying for a GTIN-8, it is necessary to provide GS1 Australia:

- A sample of each product, label or actual size artwork (unless many products share identical packaging, in which case one sample will suffice).

- A complete list of every product requiring a GTIN-8.

- Written justification of why the package should be allocated a GTIN-8 and that all efforts have been made to accommodate an EAN-13 Bar Code.

After discontinuing a product carrying a GTIN-8 please notify GS1 Australia. This number will then be withdrawn, making it available to be re-issued by GS1 Australia to another member/item in the future.

GS1 Prefix	Company / Item Reference	Check Digit
$n_1 n_2$	$n_3 n_4 n_5 n_6 n_7$	n_8

TABLE 7 GTIN-8 Structure

The GS1 Prefix identifies the GS1 Member Organisation issuing the number. In the case of GS1 Australia the GS1 Prefix is 93.

The Company/Item Reference is allocated by GS1 Australia to a specific item upon application.

The Check Digit is mathematically calculated to ensure that the whole number is correct. Correct calculation is essential for successful scanning of the bar code.

A Check Digit Calculator Program which will automatically calculate the Check Digit can be obtained from the GS1 Australia web site at www.gs1au.org.

For instruction on manually calculating the Check Digit please refer to "Manual Check Digit Calculation" on page 56.

For either method of calculating the Check Digit use the GTIN-8 option.