

There are two available methods for generating a GTIN (Global Trade Item Number) for a non-retail trade item. Either of these two options can be applied to a non-retail trade item containing retail products carrying either a GTIN-12 or a Zero Suppressed GTIN-12.

Option 1: GTIN-14

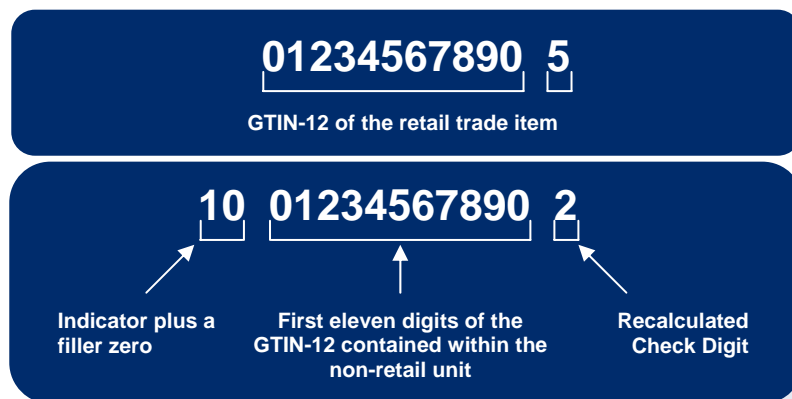
This option is only available for homogenous groupings of standard trade items, where all units contained in the group are identical. It involves using an Indicator with the GTIN and recalculating the Check Digit.

An Indicator is any number from one to eight. Indicators are used to create up to eight unique GTIN-14s to distinguish between different packaging levels or pack quantities of the same trade item. They are chosen at the discretion of the company allocating the GTIN.

Note: The GTIN-14 can be represented in either an ITF-14 or a GS1-128 Bar Code but the ITF-14 Symbology is better suited for printing onto corrugated fibreboard.

Retail Trade Item Carries a GTIN-12

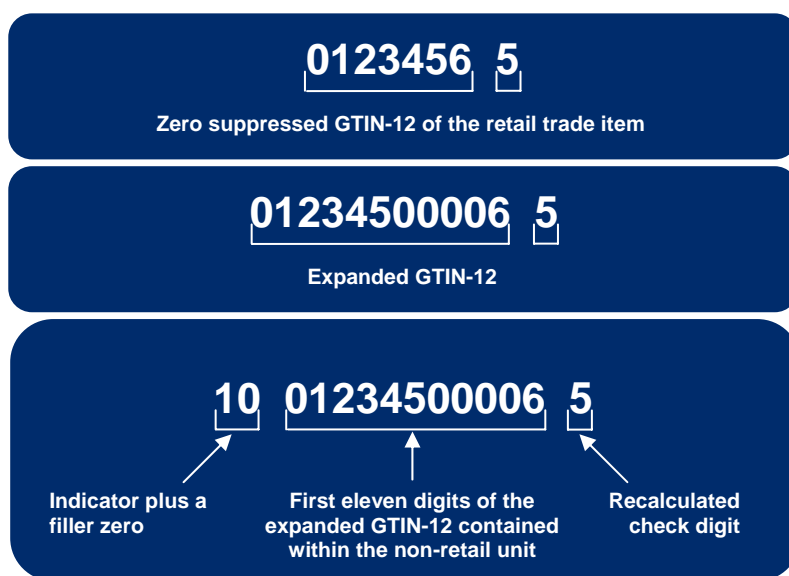
Choose the GTIN-12 on the retail unit that is the lowest level of packaging within the non-retail trade item. To form the GTIN-14, put an Indicator followed by a filler zero in front of the first eleven digits of this GTIN-12 then recalculate the Check Digit. A Check Digit Calculator Program is available on our website – www.gs1au.org.



Retail Trade Item Carries a Zero Suppressed GTIN-12

Where the retail item contained within the non-retail unit carries a Zero Suppressed GTIN-12 the number must first be expanded into its full twelve-digit form.

Choose the GTIN-12 on the retail unit that is the lowest level of packaging within the non-retail trade item. To form the GTIN-14, put an Indicator followed by a filler zero in front of the first eleven digits of this GTIN-12 then recalculate the Check Digit. A Check Digit Calculator Program is available on our website – www.gs1au.org.



Option 2: GTIN-12

If printing conditions permit the successful printing of a UPC-A Bar Code, a GTIN-12 can be allocated. The method used to allocate this number is the same as for allocating a number to a retail product (Refer to the GS1 Australia User Manual – Number and Bar Coding, located on our website – www.gs1au.org).

If the GTIN-12 is to be encoded in an ITF-14 or GS1-128 Bar Code two filler zeroes must be added in front of the GTIN-12.

If there is any possibility of the non-retail trade item being sold at retail level, it *must* carry a GTIN-12 and be represented in a UPC-A Bar Code. Ensure that a non-retail trade item is not allocated the same GTIN as a retail trade item.