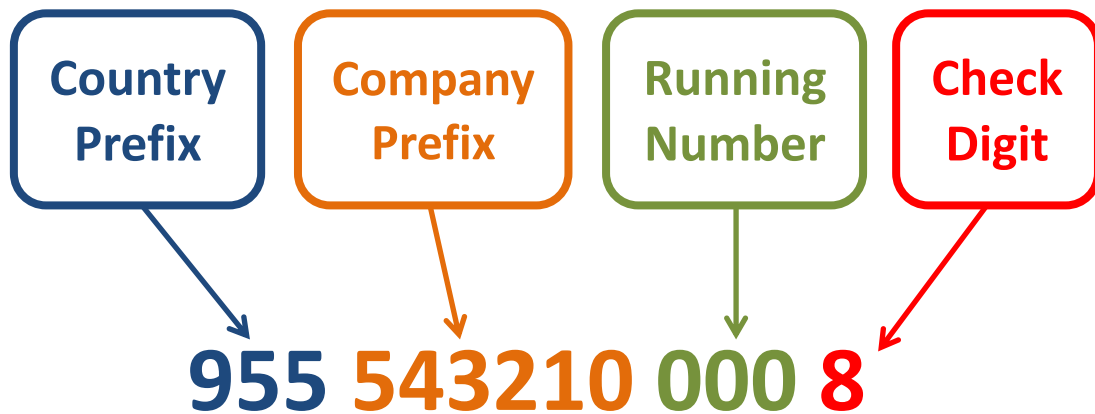


How to Generate Your GS1 Barcode Numbers

1) GS1 Malaysia has two membership categories:

Category A Barcode Number



Category B Barcode Number



2) Find out what is your GS1 Company Prefix.

Your assigned company prefix can be found on your **GS1 Membership Approval Letter**. It looks like this:

955 <*company prefix*>

e.g. **955** **xxxxxx**

(Category A, 6 digit prefix)

e.g. **955** **4100xxxxn**

**(Category B, 8 digit prefix, where
n=running number)**

3) Add in the running number after your company prefix. Note: you assign each of your **product models** with a barcode number.

Category A = **1000 numbers**, from '000' to '999'.

955xxxxxx000C

955xxxxxx001C

955xxxxxx002C

955xxxxxx003C

:

955xxxxxx999C

Category B = **10 numbers**, from '0' to '9'.

9554100xxxxx0C

9554100xxxxx1C

9554100xxxxx2C

9554100xxxxx3C

:

9554100xxxxx9C

Note: "C" represents the Check Digit

- 4) Go to GS1 Malaysia's Check Digit Calculator. Web Address:
<http://gs1my.org/index.php?q=node/45&tab=4>

The page looks like this:

Calculate Your Check Digit

The all-important check digit ensures

All Global Trade Item Numbers (GTINs) and Global Location Numbers (GLNs) are the result of an algorithm (called the Modulo-10 algorithm) which uses the

You can use the below check digit calculator to obtain your barcode check digit.

GTIN Selection :	<input type="text" value="GTIN-13"/>
Item Reference :	<input type="text" value="955613523100"/>
	<input type="button" value="Calculate"/> <input type="button" value="Reset"/>
Check Digit :	<input type="text" value="6"/>
Global Trade Item Number :	<input type="text" value="09556135231006"/>

If you want to understand how the check digit is calculated then take a look at the link below.

- 5) In the **Item Reference** input field, key in the **12-digit number (without the "C")** you put together earlier.

GTIN Selection :

Item Reference :

Check Digit :

Global Trade :



GTIN Selection :

Item Reference :

Check Digit :

Global Trade :

- 6) Select '**GTIN-13**' from the GTIN Selection drop-down list for *product-level* or *inner pack-level* 13-digit barcode numbers, and '**GTIN-14**' for *carton-level* or *pallet-level* 14-digit barcode numbers.

GTIN Selection : GTIN-13 ▾
Item Reference : GTIN-8
GTIN-12
GTIN-13
GTIN-14

Check Digit :

Global Trade :

- 7) Click **Calculate**.

GTIN Selection :

Item Reference :

Check Digit :

Global Trade :

- 8) The complete barcode number will be generated and shown in the Global Trade field.

GTIN Selection :

Item Reference :

Check Digit :

Global Trade :

- 9) If you are generating a 13-digit number, ignore the '0' at the front. Your final barcode number will look like this:

9555432100008

9554100123455

- 10) Copy the resulting barcode number to your list for safekeeping and processing.