



Variable Measure Products

Guide & Examples for Trade Item Implementation - NZ

1. Document Version Control

| Date | Version | Name | Change Description |
|-------------|----------------|---------------|----------------------------------|
| 05/07/2010 | 1.0 | Carmen Li | Original |
| 10/09/2010 | 1.1 | Steve Rowland | Adding extra examples for timber |

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2. Overview- Variable Measure for Net Content

A trade item may contain a variable net content for one measure (e.g. count varies between 12 and 18 pieces) but be fixed for another measure (e.g. weight is always 11 kilograms).

When this happens, the recommendation is to populate net content with both measures (using an average value for the variable measure) and to ensure that the **isTradeItemAVariableUnit** flag is marked as TRUE. This will satisfy the system need for information. All of the trade item's description fields should include the terms used by the supplier to describe the range for that variable measure.

- ✔ **Note:** Where the variable measure is a weight, the Gross and Net Weight values should be the average weight.
- ✔ **Note:** This best practice should be followed for any GTIN (any level of the item hierarchy) where there is a variable measure concern.
- ✔ **Note:** Net Content is normally only populated at the consumer unit level. In case of variable quantity trade items, specify the average quantity. When applying the following examples to a non-consumer unit, the net content values may not be populated. If net content is not populated the guidance around the other attributes should be followed.
- ✔ **Note:** While it is not specifically noted in the examples below, should the GTIN have a variable count and also have a child GTIN, then the average count should also be used in the **quantityOfNextLowerGTIN**.

3. Variable for One Measure

3.1. Example 1

A trade item which is a case of chicken which has a consistent weight, but variable count of 12 to 18 pieces would have the following information populated:

netContent: 15 PCS; 11 KG (an average value, ONLY specify 1 Net Content in NZ)

netWeight: 11 KG (an average value)

sellingUOM: KG (This is the unit of measure by which the item is sold);

isTradeItemAVariableUnit: Y

grossWeight: 11.5 KG (an average value)

Product Width/Depth/Height: an average value

Description Fields: "...12-18 Count..."

Figure 3-1 Variable in Count



3.2. Example 2

A trade item which is a case of cheese which has a consistent count, but variable weight of 10 to 12 Kilograms would have the following information populated:

netContent: 11 KG; 6 Ea (an average value, ONLY specify 1 Net Content in NZ)

netWeight: 11 KG (an average value)

sellingUOM: KG (This is the unit of measure by which the item is sold);

isTradeltemAVariableUnit: Y

grossWeight: 11 KG (an average value)

Product Width/Depth/Height: an average value

Description Fields: "...10-12 Kilo..."

Figure 2-2 Variable in Weight



4. Variable for more than one measure

4.1. Example 1

A trade item which is a case of chicken with a variable weight of 10 to 12 kilograms and count of 12 to 18 pieces would have the following information populated:

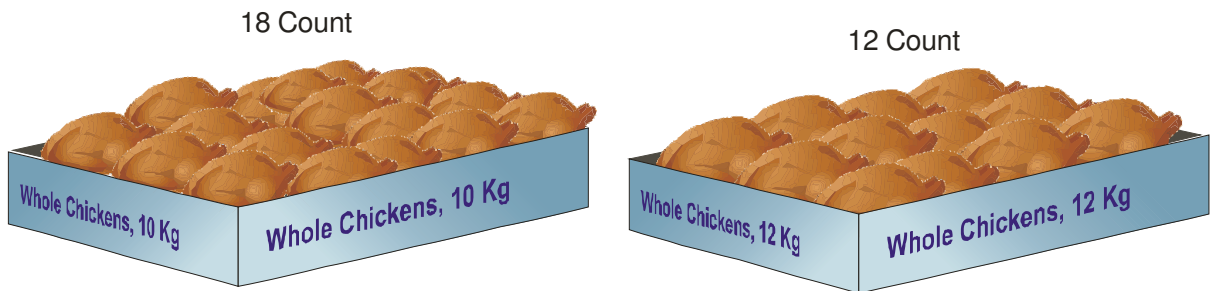
netContent: 15 PCS; 11 KG (an average value, ONLY specify 1 Net Content in NZ)

netWeight: 11 KG (an average value)

sellingUOM: KG (This is the unit of measure by which the item is sold);

isTradeltemAVariableUnit: Y
 grossWeight: 11 KG (an average value)
 Product Width/Depth/Height: an average value
 Description Fields: "...12-18 Count..." AND "...10-12 Kilos..."

Figure 3-1 Variable in Both Measures



5. Variable for random weight

5.1. Example

A trade item which is by any random weight, which don't have an average quantity.

netContent: 999999 KG

netWeight: 999999 KG

grossWeight: 999999 KG

sellingUOM: KG (This is the unit of measure by which the item is sold);

isTradeltemAVariableUnit: Y

Product Width/Depth/Height: 999999

Description Fields: "...scoria..." "...dirt..." "... sand..."



6. Variable for random dimensions (Height, width, depth)

6.1. Example

A trade item which is a case of rope or lumber .etc and sold by a variable length which doesn't have an average quantity.

netContent: 1 PC (This could also have a unit of measure of EA (each)

netWeight: 999999 KG

grossWeight: 999999 KG

sellingUOM: LM (This is the unit of measure by which the item is sold);

isTradeItemAVariableUnit: Y

Product Width/Depth/Height: 999999

Description Fields: "...rope..." "...timber..." "... chain..."



For further detail in providing specific timber scenarios to GS1 net please refer to the "Variable Measure Products - Timber Scenarios" document