

SAMPLE LABEL WITH GS1-128 BAR CODE

GS1-128 (formerly known as UCC/EAN-128) labels are standard in today's consumer packaged goods, wholesale distribution and retail segments. The purpose of GS1-128 is to establish a standard way of labeling a package with more information than just a product code. It provides supplemental information about the product, saved in Application Identifiers.

An **Application Identifier** is a prefix code used to identify the meaning and the format of the data that follows it (data field). There are Application Identifiers for identification, traceability, dates, quantity, measurements, locations, and many other types of information. Every GS1-128 symbol encodes one or more AI to indicate that what type of data is encoded. In most of cases, AI also decides the length of the data and the format of the data. For example, the AI for batch number is 10, and the batch number AI is always followed by an alphanumeric batch code not exceeding 20-characters.

The GS1-128 barcode standard provides an open standard that provides the relevant business context in addition to identifying a product which can be used and understood by all companies in the trading chain, regardless of the company that originally issued the codes.

The versatility of GS1-128 is what makes it the standard labeling format in the world today.

Label with GS1-128 bar code

This sample provides an example of a production label. The data for the label is filtered based on the selected Product code.

Description CLASSICI TORTELLONIALLA RICOTTA E SPINACI	
Article Code RAG040	Weight 250g
GTIN number 09012348410268	N° Pck 2
Production date 16/02/10	Lott no 012345
 (01)09012348410268(15)100816(10)012345	

NiceData - [C:\Wicelabel Solutions\GS1\Database\Pasta.mdb:tblLabels_Articles]

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Tahoma 10

ArticleCode	EAN	ITF	DescArticle	Description1	Description2
▶ RAG040	9012348410268	09012348410268	TOR.GIG.RIC/SPIN 25	TORTELLONI	ALLA RICOTTA E SP
RAG044	9012348410275	09012348410275	TOR.GIG.FUNGHI 250G	TORTELLONI	AI FUNGHI
RAK040	9012348410213	09012348410213	RAV.MAGRO 250G	RAVIOLI	DI MAGRO
RAK044	9012348410220	09012348410220	RAV.FUNGHI 250G	RAVIOLI	AI FUNGHI
RAK043	9012348410237	09012348410237	RAV.FORMAGGI 250G	RAVIOLI	AI FORMAGGI
RAV040TO	9012348410015	09012348410015	TOR.RIC/SPIN 250G	TORTELLONI	ALLA RICOTTA E SP
RAV041	9012348410022	09012348410022	SAC.RADICCHIO 250G	SACCHETTINI	AL RADICCHIO
RAV044	9012348410039	09012348410039	SAC.PESTO 250G	SACCHETTINI	AL PESTO
RAV043	9012348410046	09012348410046	TOR.ASPARAGI 250G	TORTELLONI	AGLI ASPARAGI
RAV044	9012348410053	09012348410053	TOR.FUNGHI 250G	TORTELLONI	AI FUNGHI
RAV043SA	9012348410077	09012348410077	SAC.FORMAGGI 250G	SACCHETTINI	AI FORMAGGI
RAV047TO	9012348410084	09012348410084	TOR.ZUCCA 250G	TORTELLI	DI ZUCCA
RAV048	9012348410091	09012348410091	TOR.CARCIOFI 250G	TORTELLONI	AI CARCIOFI
RAV049	9012348410107	09012348410107	SAC./RAV.NOCCI 250G	SACCHETTINI	ALLE NOCI
RAV030	9012348410114	09012348410114	SAC.SALMONE 250G	SACCHETTINI	AL SALMONE
RAV031TO	9012348410121	09012348410121	TOR.RUCOLA 250G	TORTELLONI	ALLA RUCOLA
RAV034	9012348410138	09012348410138	SAC.SPECK 250G	SACCHETTINI	ALLO SPECK

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Printing with the NiceForm application

To simplify the label printing operation, a NiceForm application was created. This custom printing application combines date addition functions with data selection functions. Before printing, the following actions are required:

- Enter the Lot number
- Select Product code using predefined values from the combo box
- Define the Production date.

In the background, NiceLabel Pro opens the label, filters the database for the appropriate record, and fills in all variables. It calculates the expiration date and creates a GS1-128 bar code.

GS1-128 bar code standard



Enter the LOT number (6 characters, numeric)

LOT number: 001248

Select the Product code - the adequate record from database will be selected

Product code: RAV043

- RAV043
- RAV044
- RAV043SA**
- RAV047TO
- RAV048
- RAV049
- RAV030
- RAV031TO

Define Production date

Production date:



Print



Quit

SSICI AGLI ASPARAGI	
Article Code	Weight 250g
GTIN number 09012348410046	N° Pck 1
Production date 16/02/10	Lott no 001248
	
(01)09012348410046(15)100816(10)001248	