



# **MARKING MANUAL FOR PRODUCTS SUBJECT TO MANDATORY DEPOSIT FEE**

The marking requirements for beverage packaging in the Deposit Refund System (DRS) are outlined in this document.

The marking requirements are crucial for both redemption and consumer information.

This document is based on the decree of the Hungarian Government on the detailed rules for the establishment and application of deposit fee and the marketing of products with a deposit fee (450/2023. (X. 4.)).

## Marking

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## Barcode

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The background features a light yellow color with several thick, wavy lines in a slightly darker shade of yellow-green. These lines create a sense of movement and flow. Two large, semi-transparent arrows are also present: one pointing to the right in the upper left quadrant and another pointing to the left in the lower right quadrant.

**LOGOS**

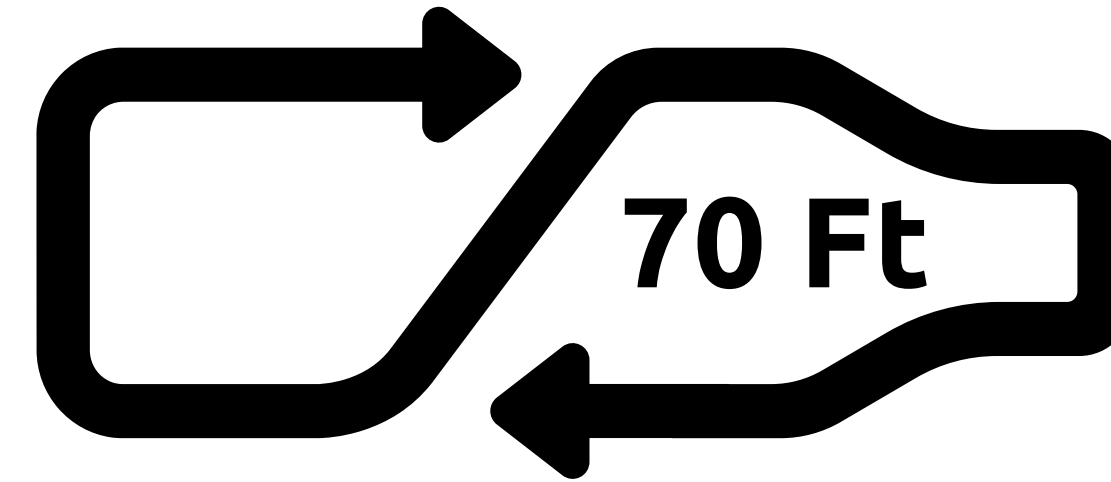
Mandatory marking on product packaging according to the provisions of the government decree.

SINGLE-USE



For single-use products subject to DRS, a deposit fee of 50 HUF is required to be paid per piece.

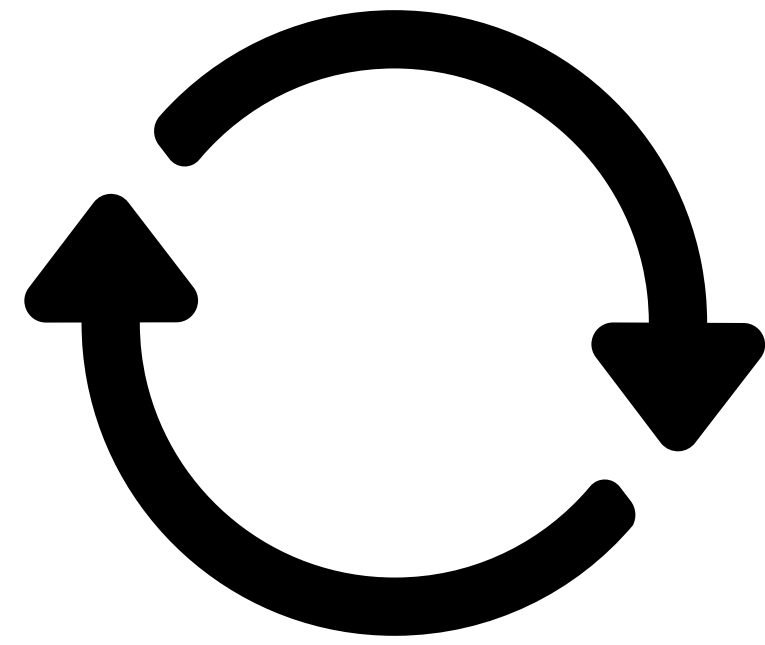
REFILLABLE



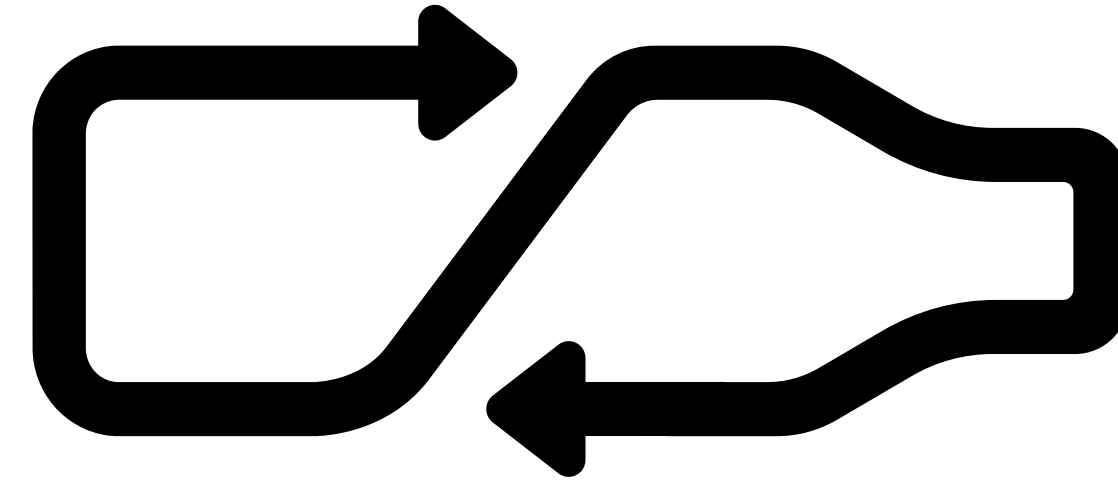
For refillable products subject to DRS, the deposit fee shall be determined by the producer (the 70 HUF represents an example on the figure how to place the deposit fee in the logo).

Markings to be applied on further information platforms and materials.

SINGLE-USE



REFILLABLE

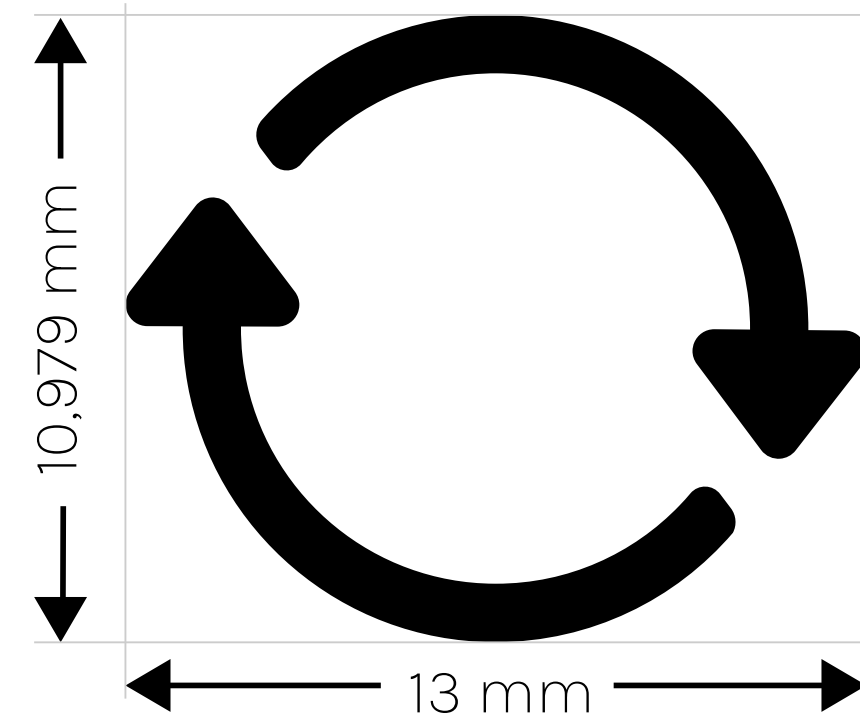




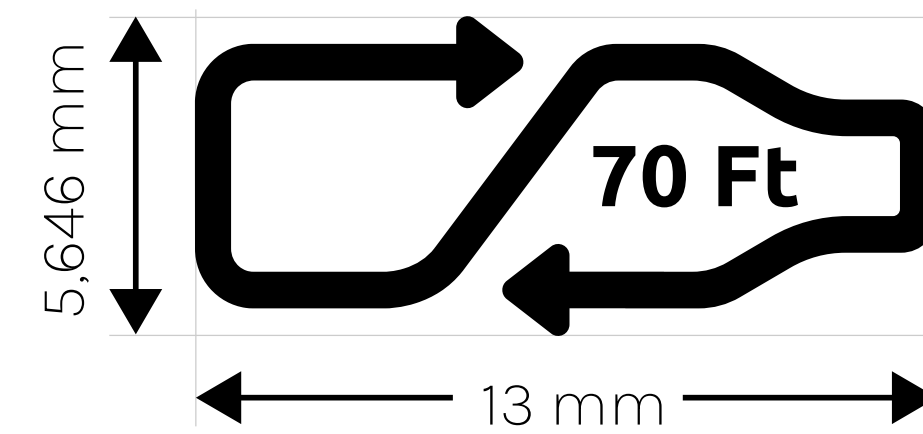
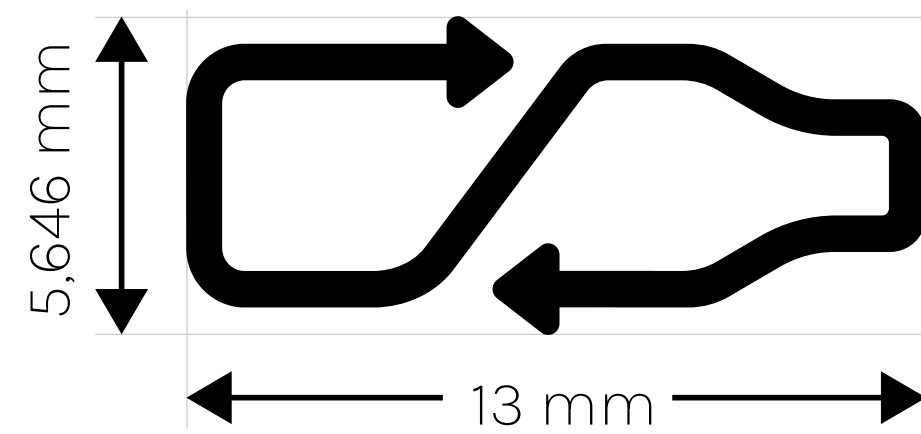
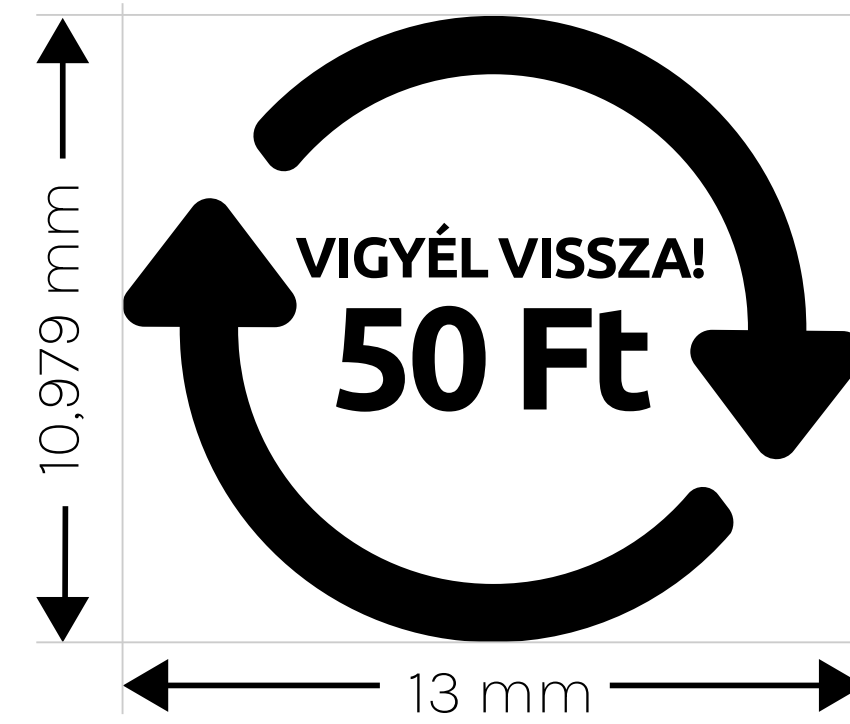
**MARKING SIZE**

The minimum marking size allowed for single-use products: 13mm wide and 10,979 mm high.  
The minimum marking size allowed for refillable products: 13mm wide and 5,646 mm high.

Minimum required marking size without mandatory deposit fee



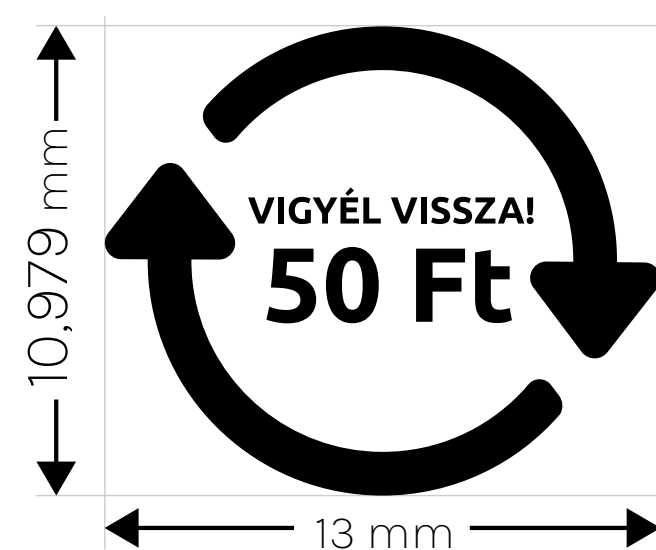
Minimum required marking size with mandatory deposit fee





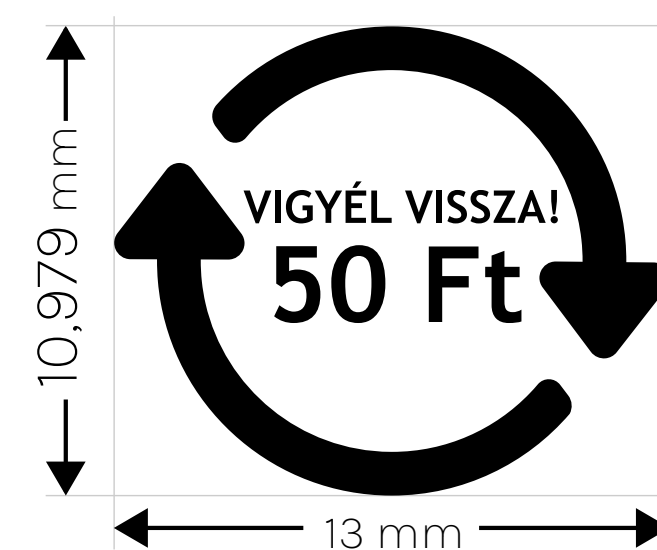
Primary font type with minimum required marking size

Ubuntu Bold  
text: 2,5 pt  
number: 7 pt

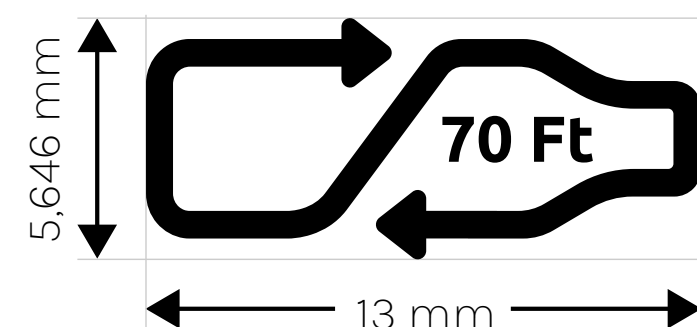


Secondary font type with minimum required marking size

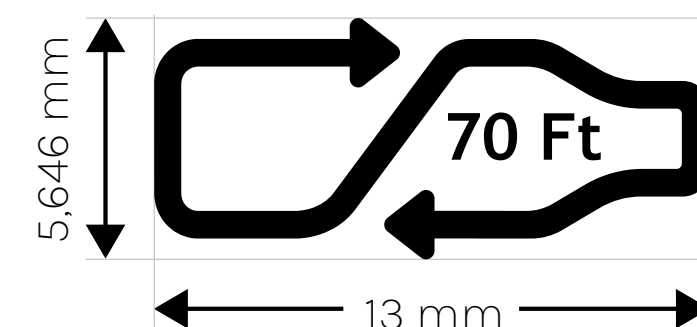
Trebuchet MS Bold  
text: 3 pt  
number: 7 pt



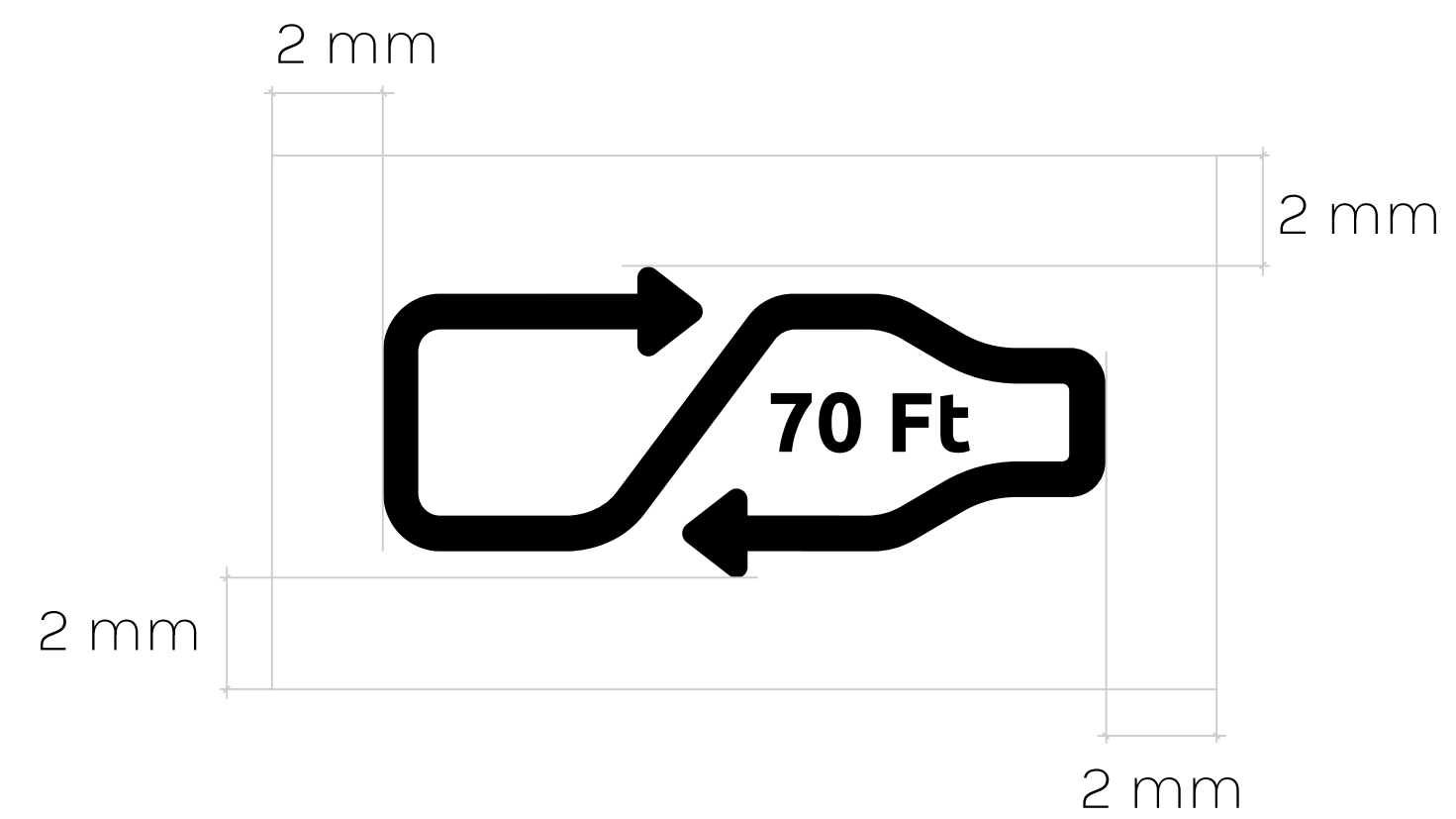
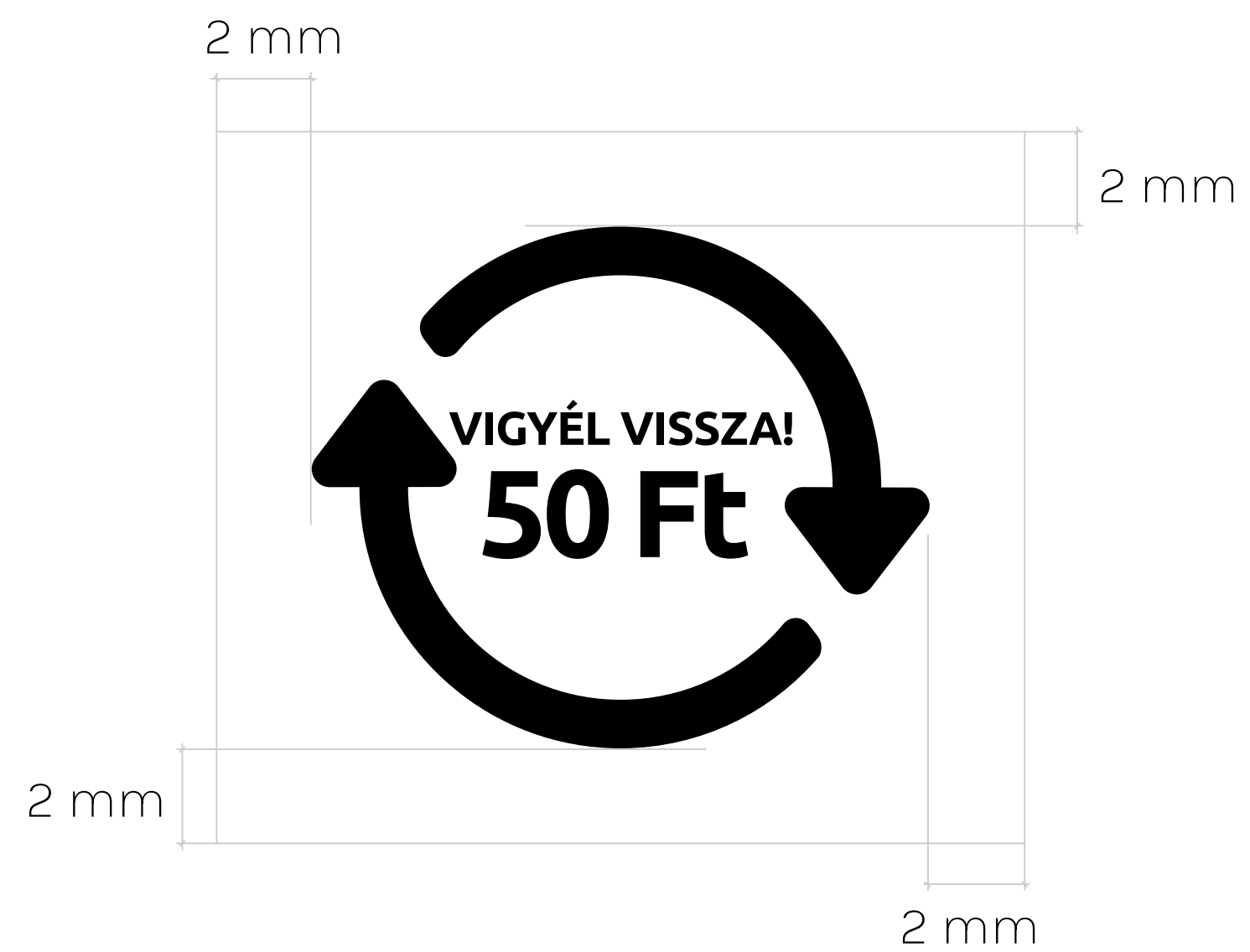
Ubuntu Bold  
number: 4,3 pt



Trebuchet MS Bold  
number: 4,3 pt



The minimum size of the marking safe zone around the marking is 2x2mm.





# **MARKING PLACEMENT**

: The marking and the barcode have their own separate safe zones. During the placement of the marking the safe zone of both the marking and the barcode must be considered.

The safe zone of the marking for both single-use and refillable bottles is defined in the DRS Regulation as 2 mm from each side - as shown on the figure - . The marking cannot overlap the safe zone of the barcode.

The color of the barcode's safe zone is identical to the color of the space between the lines of the barcode.

The size of the barcode's safe zone must meet GS1 standards.

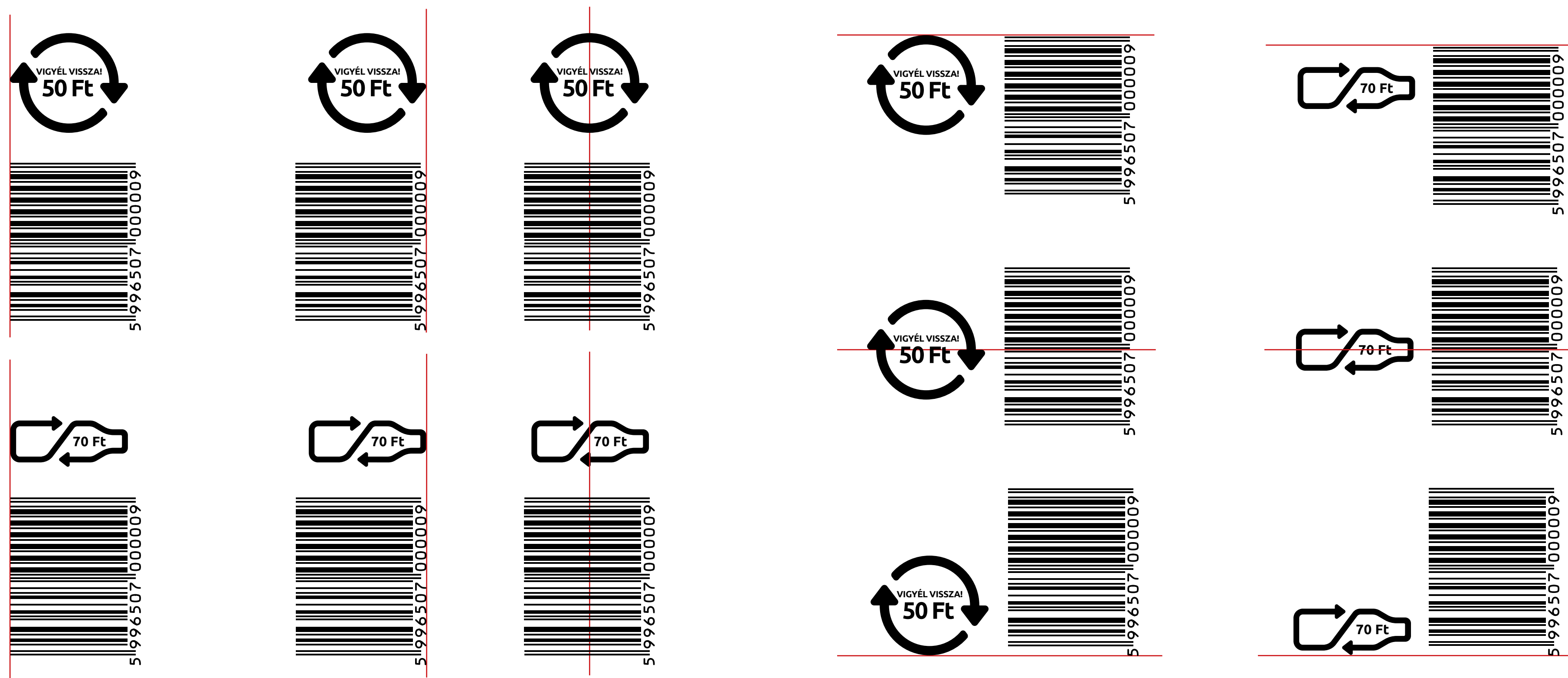
Standards of GS1 Magyarország Zrt. shall be applied to the Hungarian barcodes.

The international barcodes must meet GS1 standards of the concerned nation.



Always ensure that there is a light-colored margin (also referred to as a safe zone) on both sides of the barcode. The light-color margin is a blank space that surrounds the barcode for legibility purposes, preventing other information on the packaging, such as decoration, interfering with the barcode's legibility.

In case of metal bottles vertical - so called ladder - placement needs to be applied for the barcodes. In case of glass and plastic bottles vertical placement is also suggested, but not mandatory.



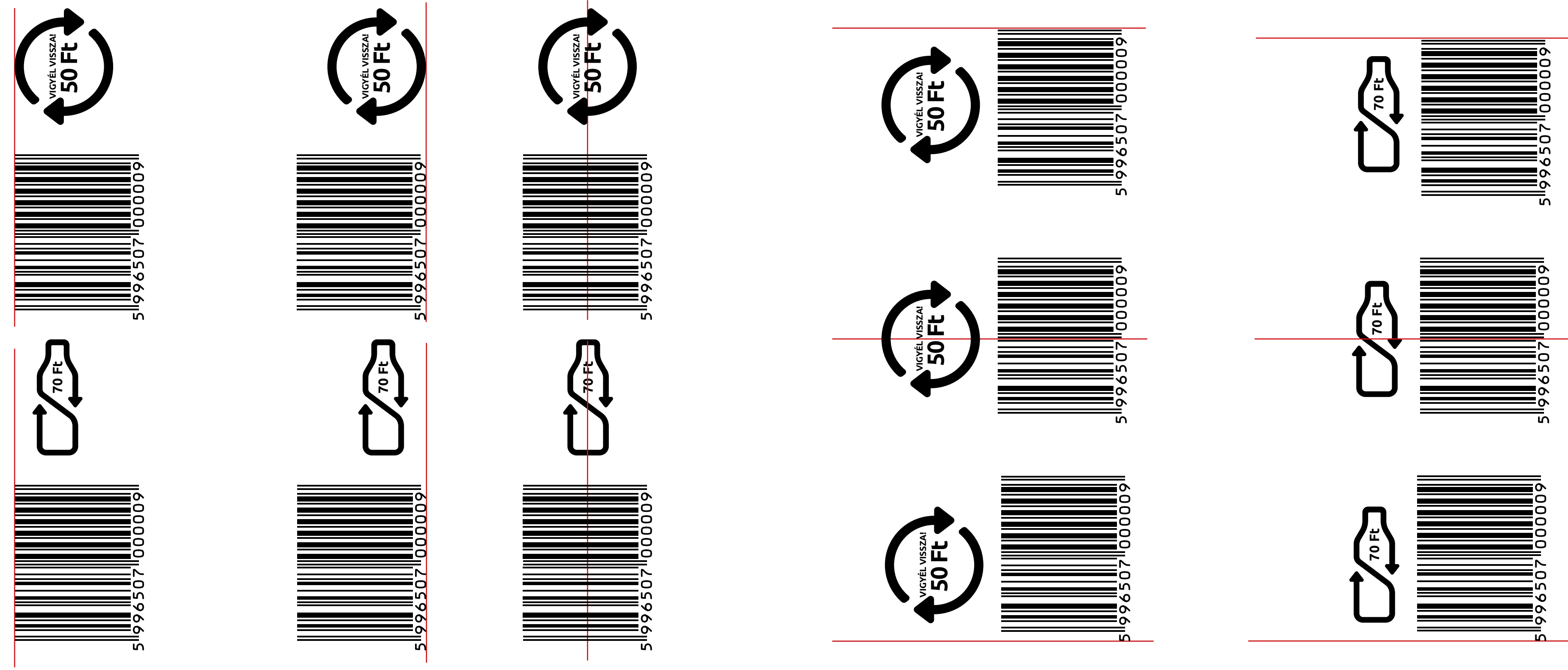
The placement of the marking illustrated on the figure is not mandatory, although it shall be placed in the same visual dimension as the barcode.

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VERTICAL PLACEMENT,  
MARKING ROTATED BY 90 DEGREES  
Placement

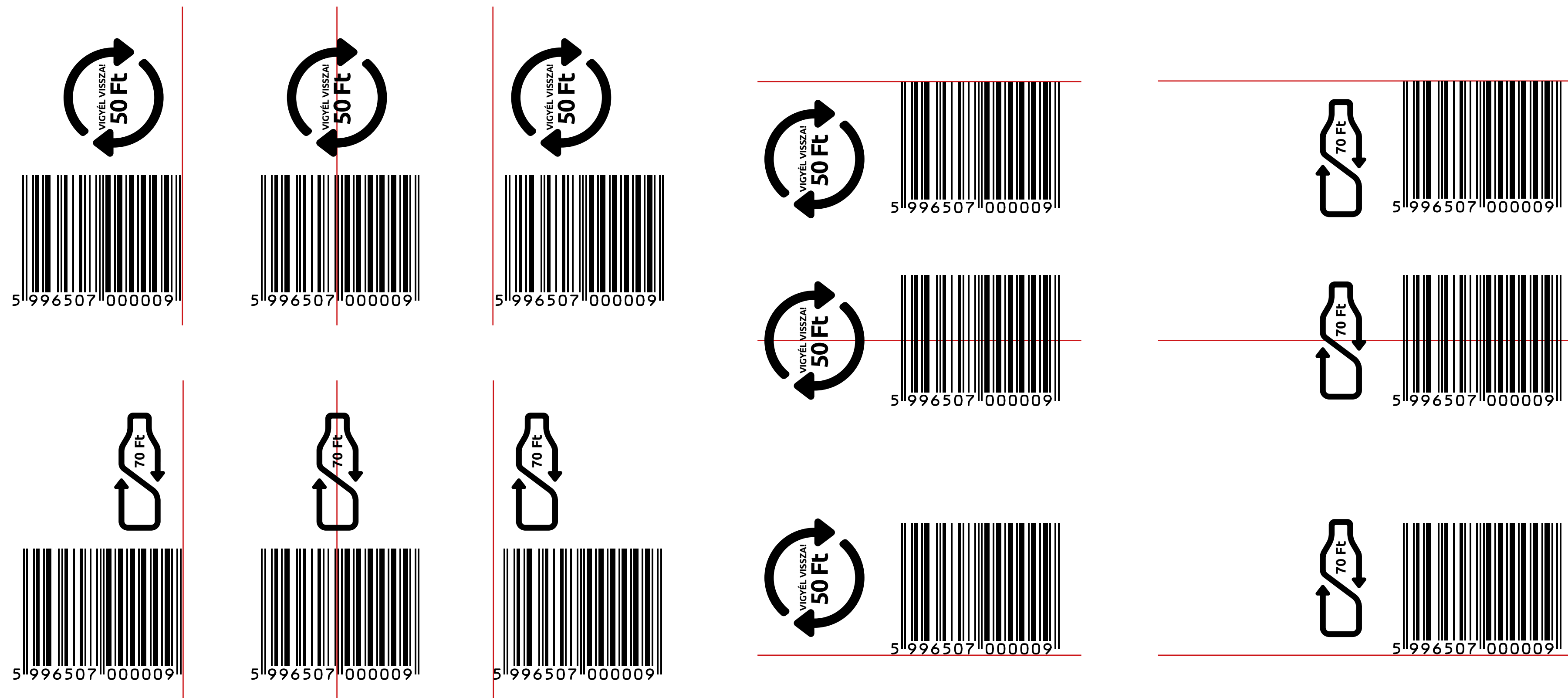
In case of metal bottles vertical - so called ladder - placement needs to be applied for the barcodes.  
In case of glass and plastic bottles vertical placement is also suggested, but not mandatory.



The placement of the marking illustrated on the figure is not mandatory, although it shall be placed in the same visual dimension as the barcode.

HORIZONTAL PLACEMENT,  
MARKING ROTATED BY 90 DEGREES  
Placement

The placement of the marking illustrated on the figure is not mandatory, although it shall be placed in the same visual dimension as the barcode.

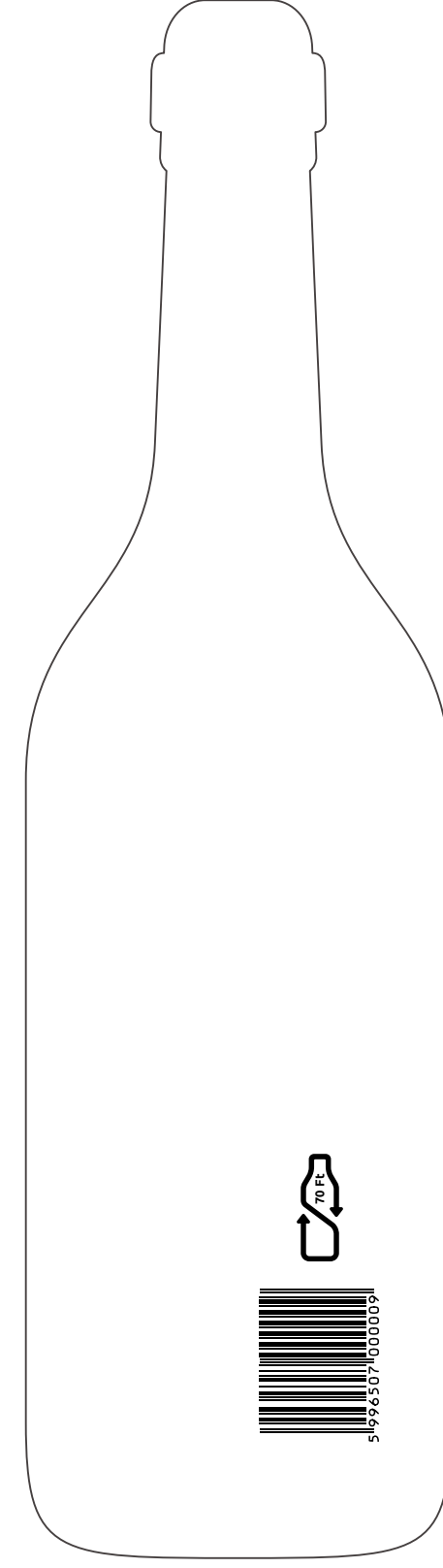
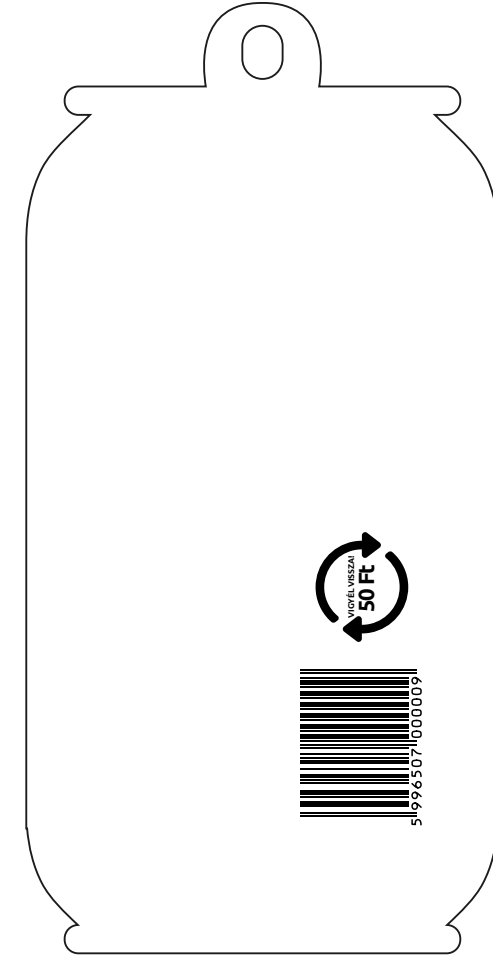
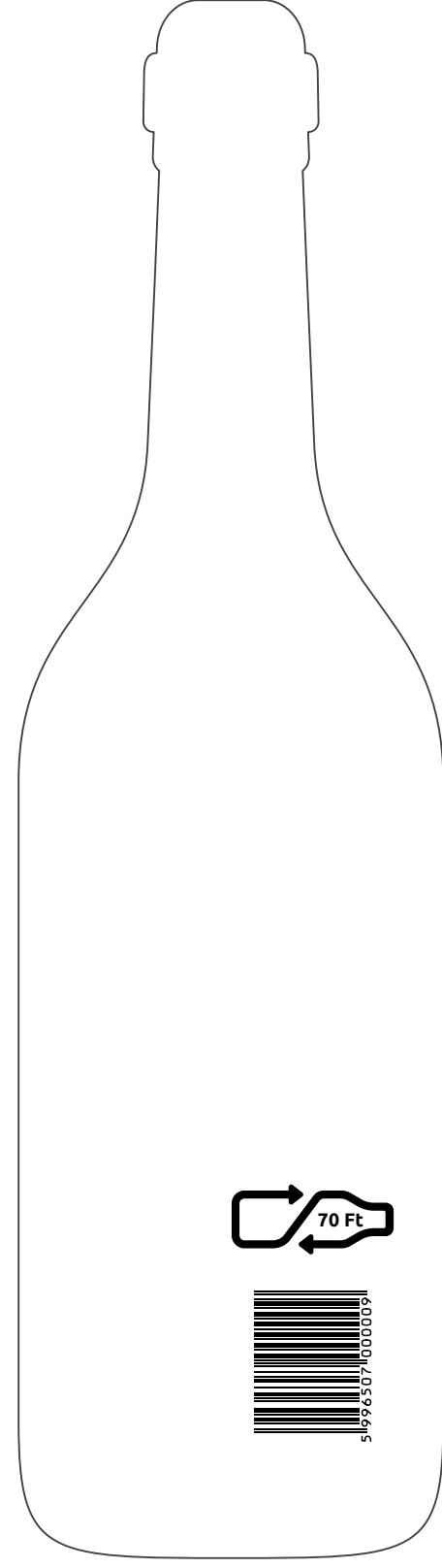
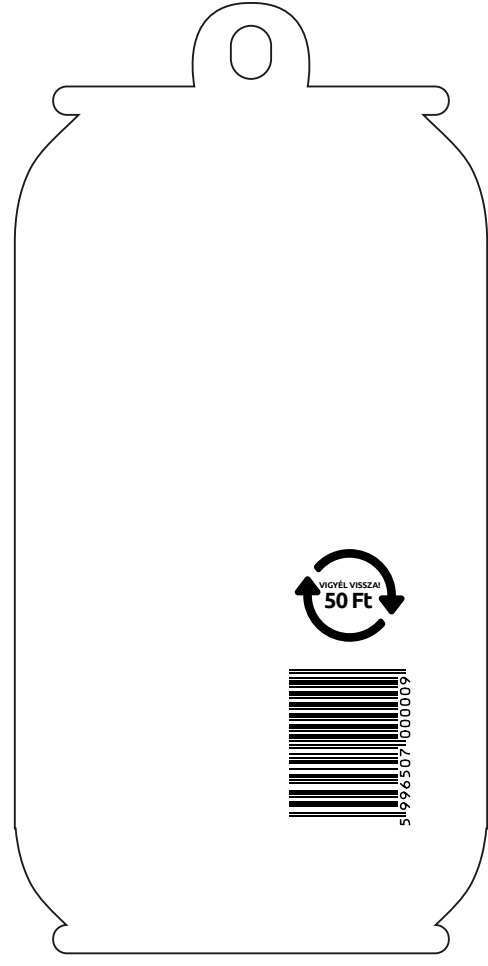




PLACEMENT OF THE MARKING  
ON PRODUCTS WITH  
MANDATORY DEPOSIT FEE

Placement

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SAMPLE PLACEMENT FOR  
SINGLE-USE BOTTLES WITH  
MINIMAL BARCODE SIZE

Placement

fontenatura.hu

50 Ft

PET

MAGYAR TERMÉK

Minőségét megőrzi a palack nyakán jelzett időpontig (nap, hó, év).  
Tárolás: napfénytől védett, hűvös helyen.

Összes oldott ásványianyag-tartalom 665 mg/l

HCO <sub>3</sub> <sup>-</sup> 500 mg/l	Mg <sup>2+</sup> 44,5 mg/l
Ca <sup>2+</sup> 81 mg/l	Na <sup>+</sup> 10,3 mg/l

Szén-dioxid: min. 4 g/l

fonte NATURA

100% rePET

Palackozó / víznyerő hely:  
Somogyvár, Fonte Viva Kft.  
H-8698 Somogyvár, Vasút u. 1.  
K-8 Fonte Natura kút.  
Vastalanítva.  
FONTE NATURA  
SZÉN-DIOXIDDAL  
DÚSÍTOTT TERMÉSZETES  
ÁSVÁNYVÍZ

0,75 L

100% REPET = 100% ÚJRA-HASZNOSÍTOTT PET PALACK

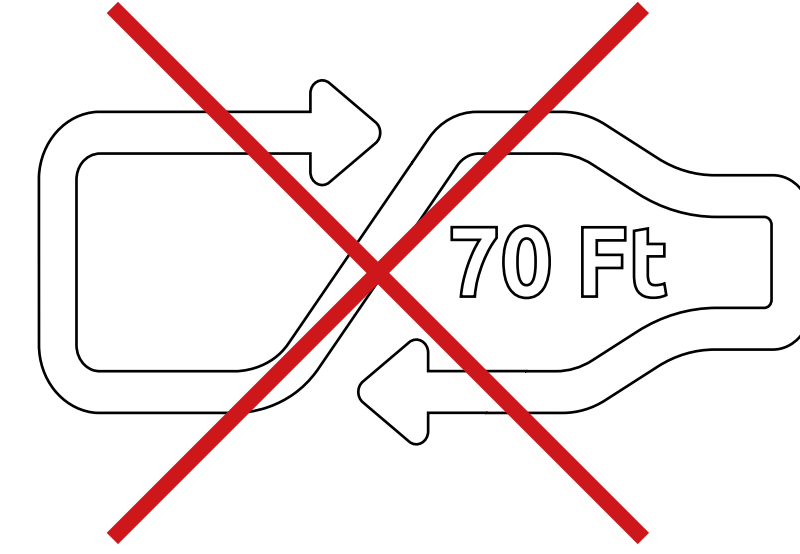
Marking shall only be applied in accordance with this marking manual.  
Any further modifications are prohibited!



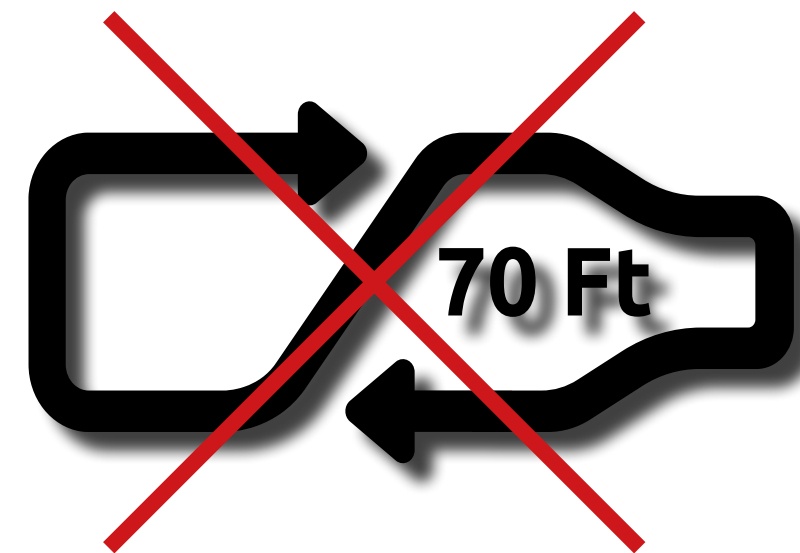
**The distortion of the marking is prohibited!**



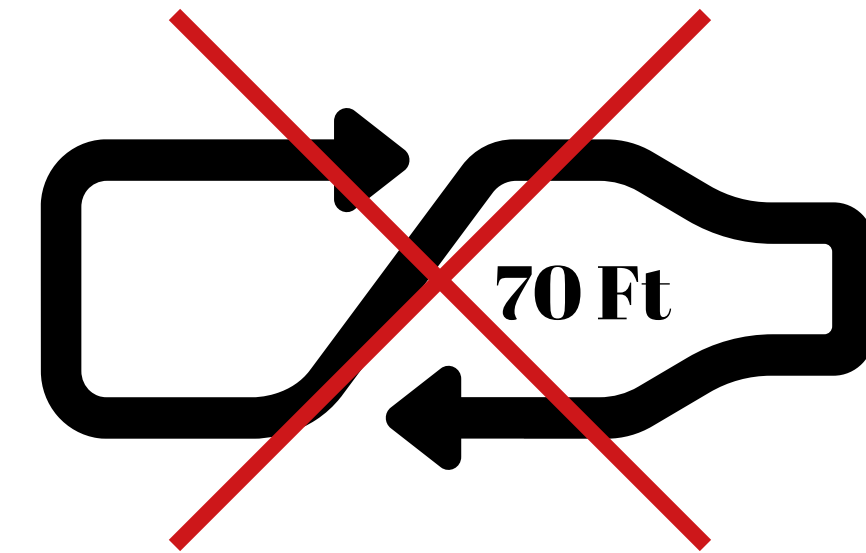
**The rotation of the marking is prohibited!**



**The application of the marking as contour line is prohibited!**



**The application of shadow is prohibited!**



**Changing the logotype is prohibited!**

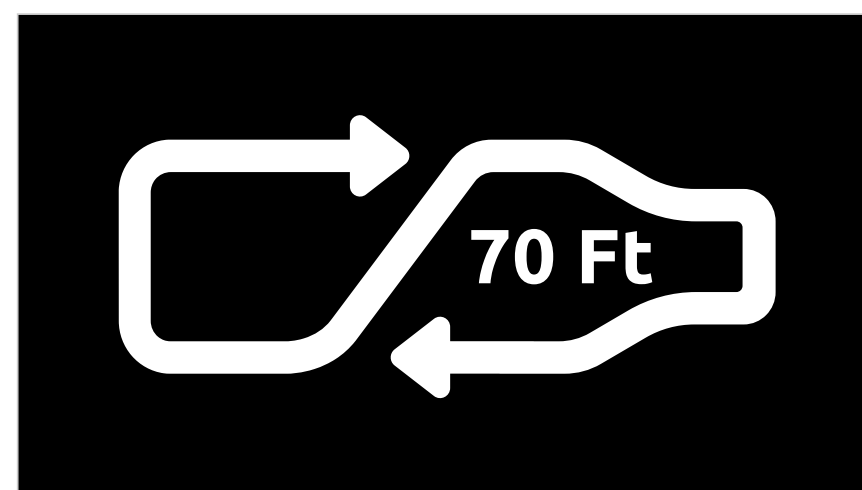
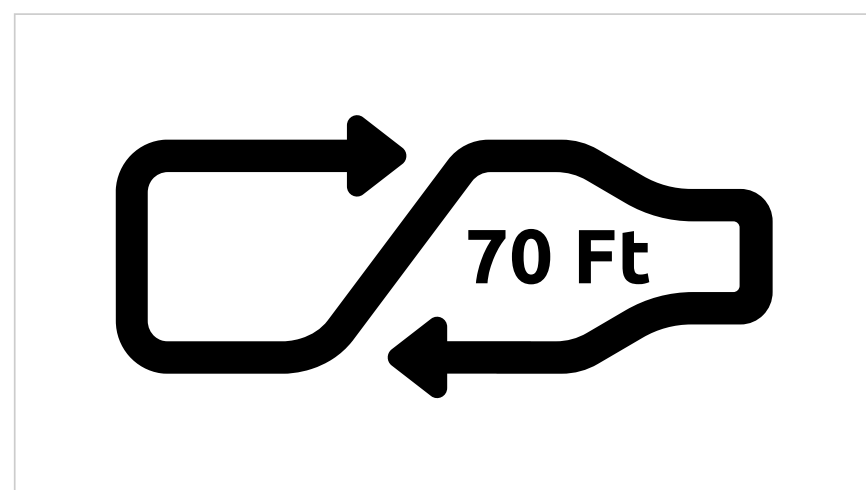


# **USE OF COLORS IN MARKING**

No restrictions apply to manufacturers in marking color usage under the DRS Regulation, however, it defines that the color of the marking and the color of the background should be in the highest possible contrast for the best visibility. For example, compared to a white marking on a yellow background, a black marking on a yellow background provides higher contrast. It is recommended to place the marking on a solid/plain color background.



The marking is displayed in either positive or negative form (the black background is for illustrative purposes, not part of the marking), being in the highest possible contrast with the background color.



The marking is displayed in either positive or negative form (the black background is for illustrative purposes, not part of the marking), being in the highest possible contrast with the background color. The value of the deposit fee shown on the marking is only a sample. The deposit fee determined by the producer for the specific product shall be applied.



# **INFORMATION ON BARCODE MARKING**



In case the original label of the beverage packaging cannot be modified to meet the marking requirements of the DRS Regulation, adhesive label that covers 100% of the original barcode and includes the marking (DRS logo) shall be applied to the packaging.

Reverse Vending Machines are not able to read the new barcode and redeem the bottle if the new adhesive label does not cover the original barcode completely.

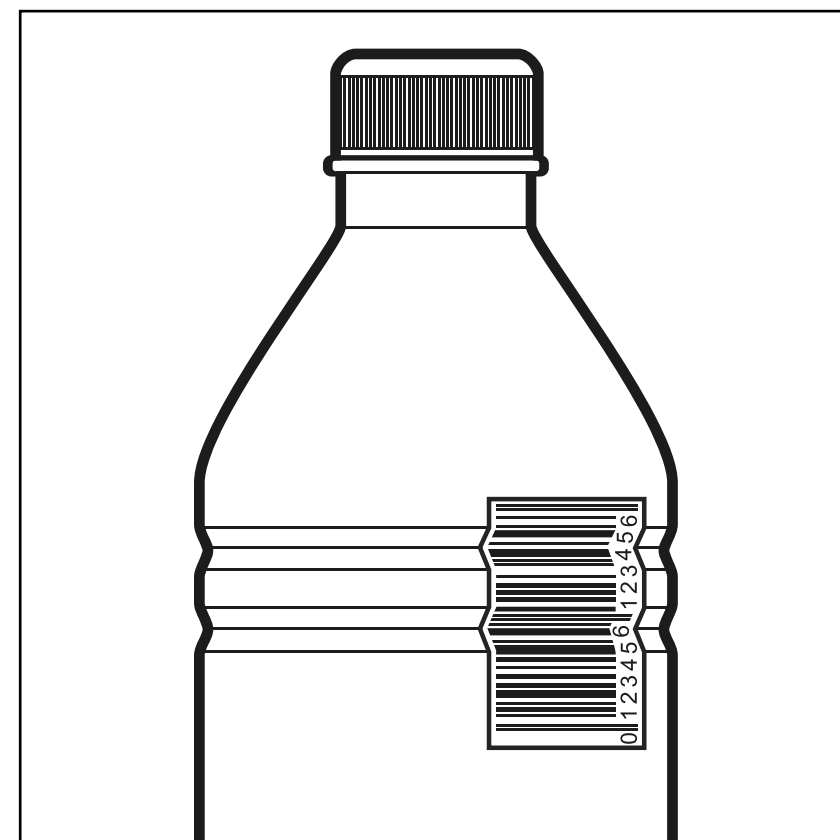
Example: Overlabelled imported products or certain overlabelled special alcoholic drinks (in case the hand printed label cannot be removed)

**Important!** All overlabelled products are subject to DRS product registration process and sample products shall be submitted to MOHU for audit.



**Incorrect barcode placement:**

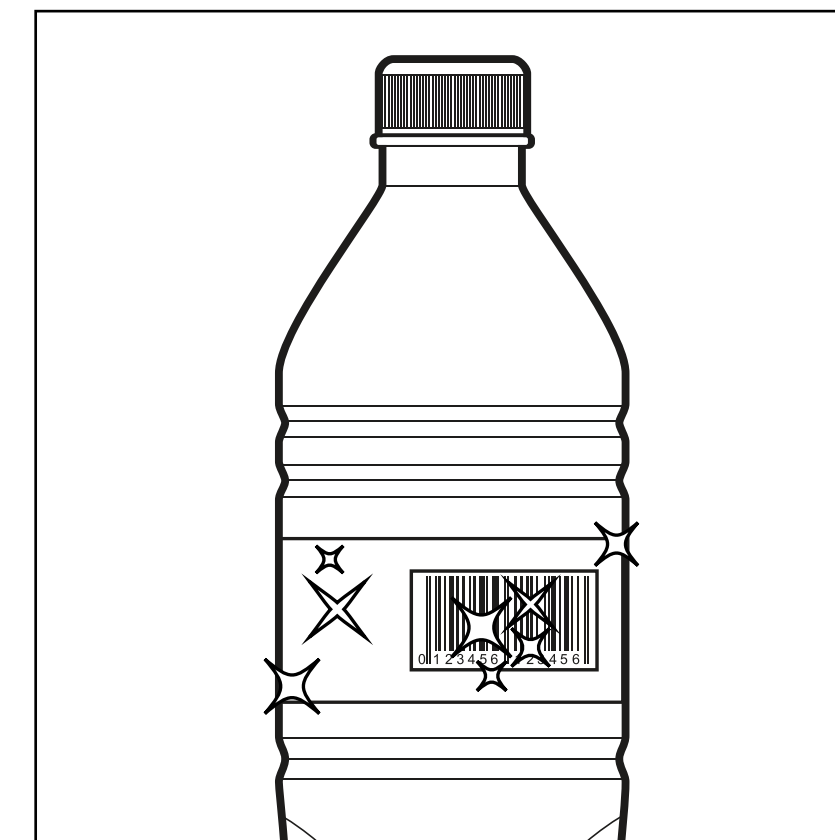
- height reduction
- printing distortion
- inadequate color combination
- incorrect size (X-size)
- inadequate symbol type
- incorrect data composition
- safe zone size problems
- placement on shiny surface
- mistakes from post-printing shaping operations  
e.g.: symbol on the welding edges



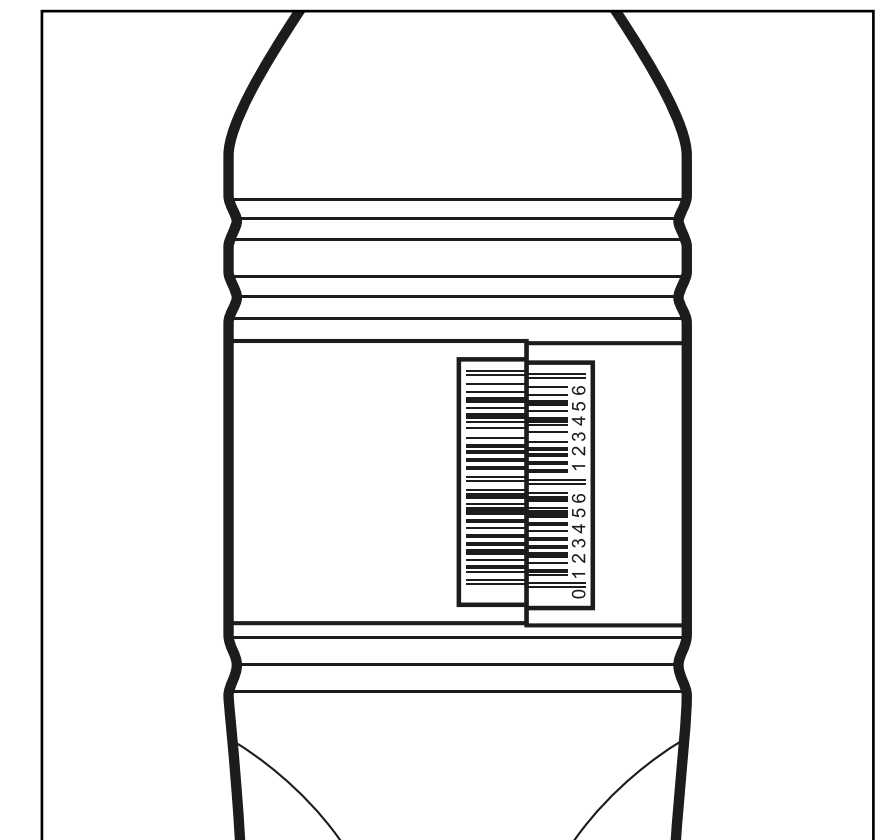
Barcode is breaking because of the surface of the bottle



Distorted, too wide barcode



Shiny label



Barcode placement to the connection area of the bottle material



**mohu**

**MOL HULLADÉKGAZDÁLKODÁSI ZRT.**

**MOHU MOL Hulladékgazdálkodási Zrt.**

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