





Code laser marked on the hot glass container.

characters, it is ensured that even for lines running at high speed, the containers can be marked. An important element to ensure a worldwide unique code is that a worldwide unique line number is used. The line number will be issued by Cetie on request of the glass producer. This service is free-of-charge. If the machine speed allows for bigger datamatrix codes, codes with more code content can also be marked.

Another important aspect is the

position of the code on the container. There are different interests involved. First of all, the code needs to be marked and read. There are a couple of criteria that need to be taken into consideration; detailed recommendations can be found in a document issued by Cetie. Further criteria for the code placement are the requirements of the filler. Depending on his use case, the code should be either clearly visible (eg for marketing purposes) or hidden (eg for anti-counterfeiting).

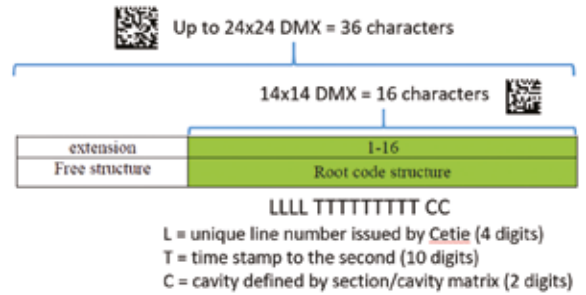


Figure 3: Code definition following the Cetie recommendation.

### Small numbers - huge potential

This article explains that the introduction of two small numbers – the container ID to connect the forming and inspection data and the code marked on the hot container – opens huge potential for optimising the glass forming process and creates interesting new possibilities along the value chain of container glass usage. Using this potential will further increase the competitiveness of glass against other packaging materials. ●

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