

## **Protecting consumers better by making indications of mass mandatory on all pre-packages**

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### **Pre-packed products require indication of mass or volume**

Most of the food bought in the supermarket is sold in packages. To protect the interest of the consumers these pre-packages need to express the quantity, volume and/or mass of the product that is sold. In general, the volume needs to be indicated for liquid products and for all other products there needs to be an indication of the product's mass or number. For example, on pre-packed meat the number of grams is indicated and milk has an indication in litres. This way the consumer knows how much he is buying for a certain price. These expressions are mandatory according to Directive 76/211/EEC on pre-packed products. Detailed guidance on these requirements for pre-packages is given in other documents such as OIML Recommendations 79 and 87.

### **Expressions of mass on pre-packaging are better than volume**

Where liquids require an indication of the volume when sold in pre-packaging, this is not the optimal indicator. For consumer protection reasons an expression of the mass is better.

First of all, measurement instrumentation used for mass is under legal control such as mandatory periodic reverifications whilst the instrumentation used for length, volume and number is not. This legal control provides more guarantees the measuring instrument functions correctly.

Moreover, selling on mass is to be preferred as each molecule has its own mass. This avoids misunderstandings caused by aeration of the product, influences of changes in temperature and, where partially gasses are involved, pressure. Apart of that, when the contents are declared in units of volume, a reference temperature of 20° C is obligatory. In a way a volume reference is misleading for liquids usually served cold, such as dairy products, beers and sodas.

Additionally, weighing equipment is more accurate than measuring equipment for volume. This is also implied by Directive 76/211/EEC where the tolerances for liquids are twice those of solid products. This confirms that mass indications provide a more accurate idea of the quantity bought.

For the reasons above CECIP believes that expressions of mass on pre-packaging are better than expressions of volume.

## **Mass indications on all pre-packed products improves consumer protection and**

CECIP is convinced that to provide the most reliable, accurate and realistic indication of the product an expression of mass should be included on the pre-package. By doing this the consumer is better informed about the product he or she is buying. However, this doesn't mean the volume indication needs to be removed as that it is still possible to express the volume next to the mass.

To improve consumer protection, changes to Directive 76/211/EEC, OIML Recommendation 79 and WELMEC guides are necessary. Therefore, CECIP calls on all relevant stakeholders such as the European Commission and national authorities to improve the consumer protection and request expression of mass on all pre-packages.

*CECIP ([www.cecip.eu](http://www.cecip.eu)) is the European association representing the weighing instrument industry. Founded in 1958, CECIP has currently members in 14 countries. The weighing instrument industry in Europe is world leader and consists of around 700 companies that are mostly SMEs. The total turnover is approximately 3 billion euro and the industry employ about 50.000 persons.*

Contact: Tim Hamers, Secretary General, [tim.hamers@cecip.eu](mailto:tim.hamers@cecip.eu), or  
Contact CECIP rapporteur: Vincent van der Wel, [vwel@penko.com](mailto:vwel@penko.com)