

**PLASTIC PACKAGE**

		MANDATORY	RECOMMENDED
<b>Plastic package (PET)</b>	<b>size/shape</b>	<ul style="list-style-type: none"> <li>• <b>height:</b> 85-380 mm</li> <li>• <b>diameter:</b> 50-130 mm</li> <li>• 0.1 litres&lt;volume&gt;3.0 litres</li> </ul>	<ul style="list-style-type: none"> <li>• The package should be symmetrically rotatable around its axis, i.e. round. An angular package would jump when rotated and the barcode would be difficult to read. Rotation around the axis is also affected by the height of the main part of the package relative to rest of the package – i.e. the centre of gravity of the package should be such that the package does not go out of balance when placed horizontally (a neck that is too long will cause imbalance).</li> <li>• External added details, which are part of the package (handles, etc.) make it difficult or impossible for such packages to move through the RVM. The height of the main part of the package relative to the rest of the package, and large variations in the package diameter also have an effect on how the package passes through an RVM.</li> </ul>
	<b>Material – bottle</b>	<ul style="list-style-type: none"> <li>• <b>package material:</b> PET</li> </ul>	<ul style="list-style-type: none"> <li>• The density of crushable package materials has an effect on the lifecycle and performance of the machines that handle them.</li> <li>• The recommended density of packages (package weight (g) / volume (cl) ratio): Packages &lt;50 cl – ratio of 0-0.8 Packages &gt;50 cl – ratio of 0-0.4</li> </ul>
	<b>material – cap, liner</b>	<ul style="list-style-type: none"> <li>• <b>cap/liner material:</b> PET, PP, PE</li> </ul>	
	<b>Label</b>	<ul style="list-style-type: none"> <li>• <b>label material:</b> paper, OPP, PE, PET. The surface must not be rough (complicates EAN reading)</li> <li>• <b>label glue:</b> detaches when washed at +70°C</li> <li>• <b>sleeve material:</b> PE, OPP, PET</li> </ul>	
	<b>Deposit emblem</b>	<ul style="list-style-type: none"> <li>• <b>A</b> – non-refillable plastic package up to 0.5l (inclusive)</li> <li>• <b>B</b> – non-refillable plastic package larger than 0.5l</li> <li>• <b>Placement:</b> must not be on the cap, bottom, or rim (i.e. the deposit emblem must be on a smooth surface). Other placements are allowed.</li> </ul>	<ul style="list-style-type: none"> <li>• It is recommended to place the deposit emblem in the immediate vicinity of the barcode.</li> </ul>
	<b>EAN</b>	<ul style="list-style-type: none"> <li>• <b>Placement:</b> vertical in relation to the package, must not be at the place where the label edges are glued together.</li> <li>• <b>Size:</b> minimum enlargement ratio 80%, unless the EAN is on the bottleneck, in which case the enlargement ratio must be 100%.</li> </ul>	<ul style="list-style-type: none"> <li>• Each new label design should be checked by the EPP prior to printing to make sure that all the EPP EAN requirements have been met.</li> <li>• The recommended enlargement ratio for an EAN is not more than 115%.</li> </ul>