

<b>SC REMPLAST CAPS SRL</b> 807200 MUNTENI, GALATI tel :+40 236 820 129 fax: +40 236 820 043 e-mail: <a href="mailto:office@remplastcaps.com">office@remplastcaps.com</a>	<b>TECHNICAL SPECIFICATION</b> <b>number P 12</b>	<b>PRODUCT CODE:</b> <b>18PP12</b> page 1/1
	<b>ALUMINIUM PILFER – PROOF CAPS</b> <b>18x12 mm</b>	

<p><b>18x12 mm</b></p> <p><b>Closure drawing:</b></p> <p>The drawing shows a cross-section of the cap with the following dimensions and features:</p> <ul style="list-style-type: none"> <li>Outer diameter: <math>\text{Ø}18.65 \pm 0.25</math></li> <li>Inner diameter: <math>\text{Ø}17.1 \pm 0.2</math></li> <li>Thread height: <math>2.8 \pm 0.15</math></li> <li>Thread diameter: <math>8.8^{+0.10}_{-0.15}</math></li> <li>Thread length: <math>12.3^{+0.15}_{-0.10}</math></li> <li>Skirt diameter: <math>7 \times 0.7 \pm 0.1</math></li> <li>Internal diameter: <math>\text{Ø}17.9 \text{ min}</math> (labeled as internal perforation)</li> <li>Internal diameter: <math>\text{Ø}18.15 \pm 0.2</math> (labeled as internal)</li> </ul>	<p><b>DETAILS:</b></p> <p><b>1. MATERIAL SPECIFICATION:</b>        Alloy: EN AW – 8011A        Temper: H14        Thickness: 0,21 +/- 0,01 mm        Tensile strength: 110-150 N/mm<sup>2</sup>        Elongation. A50, % min: <math>\geq 3</math>        Anisotropy, % max: <math>\leq 2</math></p> <p><b>2. LACQUERS AND INKS</b>        Internal lacquer type: Mod. Polyester        Product description: Adhesive coating corresponds to EC regulation 1895/2005 for contact with food.        External lacquer type: Mod. Polyester        External inks type: Alkyd</p> <p><b>3. LINER</b>        Liner type / liner profile: <b>EPE liners (expanded polyethylene)</b>        Are in conformance with 2002/72/EC and its amendments and chosen according to the contents of the bottle and/or customer request.</p> <p><b>4. Use and application:</b>        Filling goods: alcoholic beverage, syrup, ...</p> <p><b>5. PACKAGING DETAILS:</b>        Quantity per box: <b>16.000 pcs</b>        Box dimensions: 60x40x36 cm        Quantity per pallet: 25 boxes on pallet 120x100x200 cm        Quantity per euro pallet: 20 boxes on pallet 80x100x200 cm</p>
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Recommended application details (Glass) - for PET bottles adjust according to the bottle manufacturers specification		
Top head force:	450 - 550 N	
Side force - thread wheel:	80 – 110 N	
Side force - skirt wheel:	60 – 100 N	
Removal torque:	0,34 – 1,0 Nm	

Note: These values are starting values and can be varied according to the results to be achieved.

**Compliance with current regulations:** Based on the declaration made by the suppliers of the raw materials used in production, we guarantee that all products are in conformity with European Community directives and comply with: Commission directive 94/62/EC concerning heavy metals; Regulation (EC) 1935/2004; Regulation (EC) 1895/2005. All resins, liners and additives comply with the following Regulations: Commission directive 2002/72/EC of 6 August 2002 relating to plastic materials and articles intended to come into contact with foodstuffs; Commission directive 2005/79/EC of 18 November 2005 amending Directive 2002/72/EC; Commission directive 2007/19/EC of 02 April 2007 amending Directive 2002/72/EC; FDA regulation; CFR 21, chapter 175.300 Resinous and polymeric coatings, CFR 21, chapter 177.1520 Olefin polymer

The closures shall be stored in well - ventilated area, away from direct sunlight, strong vapours and odours at temperatures 5°C - 30°C for the period of 1 (one) year after the date of production. The closures should be sold following the principle "first to come - first to go" (FIFO). Pallets should not be double stacked.

**Before first application, closures must be tested by the bottler regarding to pressure retention and sensory influence under their specific closing conditions.**