HCC aluminium supplies aluminum sheet and coils for the manufacture of bottle closures. Applications range from screw caps for whiskey and other beverage bottles to aluminum closures for wine bottles. ROPP cap material can be ordered as rolled, degreased, pre-lubed, pre-treated and / or lacquered

Aluminum - the ideal material for the production of bottle closures:

- is light weight
- is easily and economically recycled
- has superior barrier qualities
- has good formability
- offers a bright finish for decoration.

## Aluminium Roll-on Pilfer Proof Caps (ROPP Caps)

Internationally accepted Roll on Pilfer Proof Caps (ROPP), made of high quality Aluminium are sealing devices fitted on glass, plastic and metal containers for prevention of pilferage. The pilfer proof seal can be broke with a simple twist, assuring the consumer the purity of the sealed product. Refixing the closure after part consumption of the product ensures that the contents are secured and do not deteriorate or evaporate fast.

ROPP caps has a wider applications in the following industry:

Distilleries
Pharamaceutical Industry
Food Industry
Health Care industry
Pesticide Industry

### **Technical Data Sheet**

I Chemical Composition 8011											
Allo	C:	Fe	Cu	Ma	Ma	C.	Ni	Zn	Ti -	Others	
у	Si	re	Cu	Mn	Mg	Cr	INI	211		each	Total
8011	0.5~0.9	0.6~1.0	0.1	0.2	0.05	0.05	-	0.1	0.08	0.05	0.15

II Tolerance						
С	Width	Longth	Diago			
		Length	nal			

±0.005m	±0.05m	±0.05m	<1mm	
m	m	m	<u> </u>	

#### **Mechanical Property for Continuous Casting**

Alloy	<u>Temper</u>	Thickness U.T.S		Elongation (%)
Alloy		<u>(mm)</u>	<u>(Mpa)</u>	Elongation (78)
<u>8011</u>	<u>H14</u>	0.19~0.23	<u>185~205</u>	<u>≧2</u>

#### **Mechanical Property for Direct Casting**

Alloy	<u>Temper</u>	Thickness (mm)	U.T.S (Mpa)	Elongation (%)
<u>8011</u>	<u>H14</u>	0.19~0.23	125~155	<u>≧2</u>

Detail Description for 8011 aluminum sheet/ strip for bottle cap

## 8011 Coated Alumium sheet / strip for pilfer proof caps

1.alloy 8011 h14

2.Thickness 0.19-0.23mm

3. Width: 500mm~1000mm(sheet); 50-500mm (strip)

4. Surface: one side coated and other side protective lacquer or both side color coated

5. Application: pilfer proof caps, pp caps. vial seal etc

6.Packing: wooden case

7.MOQ: 5-7 ton

8.Delivery time: 30-50 days

### 8011 Aluminium strip for pharmaceutical caps

1.Alloy: 8011 H14, H16 2.Thickness: 0.19-0.23mm 3.Width: 50-500mm

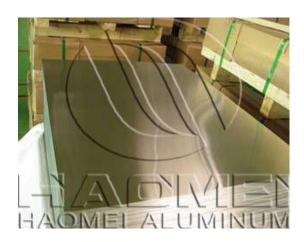
4. Surface: one side golden and other side vanish / both sides vanish

5. MOQ: 5-7ton as trial

6.Packing: case in wooden boxes

 $7. Application: pharmacy \ caps\ ,\ pharmaceutical\ caps, seal\ ect\ .$ 

8. Delivery time: 25-45days



# 8011 Aluminium sheet for closures ( uncoated )

1.Alloy: 8011 H14 h16

2.Thickness 0.19-0.23mm

3.Width from 400-1000mm

4.Surface :cleaned by hot water , it seems DOS treated, can be printed directly

5.MOQ: 5-7ton per size

6. Packing: wooden pallet or cases

7.Delivery time: 25-45days