

SPECIFICATION SHEET

Aluminum Foil For Yogurt Lid

Aluminum foil lids are used for packing yogurt, fresh milk, neat milk, ice-cream, water, juice, jelly cosmetic, etc. They can make heat-seal with PP/PS/PE containers, glasses or aluminium containers.

No	Alloy	Temper	Aluminum thickness	Total thickness
1	8011	O	0.03-0.045mm	0.11-0.13mm

CHEMICAL COMPOSITION (%)

Standard: GB/T 3190-2008

Grade	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Al
8011	0.5-0.9	0.6-1.0	0.10	0.20	0.05	0.05	-	0.10	0.08	remain

STRUCTURE (Printing/aluminium foil/ heat-sealing lacquer)

Printing	Over lacquer/Printing ink/ Prelacquer (1 / 4 / 1 g/m ²)	Colourful printing
Aluminum foil	0.03-0.045 mm (108.4-135 g/m ²)	
Heat-sealing lacquer	PP / PS / VC / PE, 3.5 g/m ² , as per customer request	

Formability

Very Good

Weldability

Good

Machinability

Good

Corrosion Resistance

Very Good

APPLICATIONS

It is mainly used for packing yogurt, fresh milk, neat milk, ice-cream, water, juice, jelly cosmetic, etc.

SURFACE TREATMENT

Printing, embossed.

HEATSEAL LACQUER

TECHNICAL DATA

Temperature	210-220°C (3Kg, 1sec)
	190-200°C (4Kg, 1sec)
	180-190°C (5Kg, 1sec)

Melt point ≤80°C

Strength(PS) ≥6N/15MIN

Glue Thickness 2 mirco

Retain solvent <10mg/m²

Alu tensile strength >65/m²

PRODUCT PICTURE



PACKING

Shanghai Metal Products are packed and labeled according to the regulations and customer's requests. Great care is taken to avoid any damage which might be caused during storage or transportation. In addition, clear labels are tagged on the outside of the packages for easy identification of the product I. D. and quality information.



SHANGHAI METAL CORPORATION CERTIFICATE OF ANALYSIS

Date: 11. Dec. 2019

**PRODUCTS: Aluminum Foil universal lacquer coated
STRUCTURE**

1. Colorless WUV Print Primer (Bright, rewinding external)
2. Aluminum: **0.038**mm , 8011 (O), +/-8%
3. Heat seal Lacquer to PET/PP cups, 5-6gsm

	Unit	Specifications Value			Testing Result Average
Colorless Primer Weight	g/m ²	1, ±0.3			0.95
Aluminum weight	g/m ²	108, ±8.64			108.29
Heat seal lacquer Weight	g/m ²	5, ±1			5.2
Residual solvent	g/m ²	Max 0.4			Conforming
Adhesion of varnishes to subtract	/	No detachment			Conforming
Heat sealing agsinst PP/PE/PET/PS	N/15mm	Temperature °C	Pressure Mpa	Time s	Conforming
		195	0.3	1	
		Min 6.0			
Resistant to heat sealing temperature	°C	Max 220 , 1S			Conforming

CONTROLS AFTER SLITTING

Width	Unit	Specifications Value	Tolerance ±	Average Actual Value	Approval
	mm	-	1	-	Conforming

DETAILS OF EXPEDITION

	Order No.	Batch No.	P.I. Date
Order Reference	-	-	-

APPROVAL

Examined and tested according to procedures and standards, specifications of the product of the order.