

Qingdao Tongli Packaging Products Co., Ltd

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PRODUCT DESCRIPTION

PRODUCT PHOTO	ITEMS	DETAILS
	PRODUCT-ID	TL-14
	PRODUCT NAME	3L aluminum foil bag-in-box pouch with butterfly valve and handle for apple juice
	TYPE	Bag-in-box
	APPLICATION	Juice
	VOLUME	3L
	DIMENSION	W250 X H360+ BG140mm
	FOIL STRUCTURE	PET12/AL7/PA15//LDPE160
	THICKNESS	200 microns
	CUSTOM	# Custom print # Butterfly Valve# Small Plastic Handle # Rounded Corners
VIDEO	https://www.youtube.com/watch?v=vMgOMvYap3A	

EXPLANATION ON FOIL STRUCTURE

PET12: Clear polyester film 12 microns, intended for outside print layer
 AL7: Aluminum foil metal sheet, 7 microns, human food grade
 PA15: Biaxially orientated polyamide film, also call nylon film 15 microns
 LDPE: Low density polyethylene film human food grade

There will be print inks and adhesive bonding layers which ranges from 2 to 3 gsm with thickness about 2 microns, so the final actual thickness of this foil laminate should be decided upon these factors.

HUMAN GOOD GRADE

All the film materials, ink and adhesive used in our products are human food grade subject to SGS test.

Read here for more <http://www.valuepackaging.cn/human-food-grade/>

SOME TEST FOR REFERENCE

Serial	TEST	EXPLAIN	POST LINK
1			
2			
3			
4			
5			

TECHNICAL DATA SHEET

NO.	ITEM	STANDARDS	UNIT	TYPICAL VALUE	VIDEO LINK	
1	Dimension Tolerance	Height	INTERNAL	%	±1%	
		Width	INTERNAL	%	±1%	
		Gusset	INTERNAL	%	±5%	
		Seal Width	INTERNAL	%	±5%	
		Thickness	INTERNAL	%		
2	Print Appearance	INTERNAL				
3	Yield		grams/m2	210		
4	Tensile Strength	MD	ASTM-D-882	Mpa	112.5	
		TD	ASTM-D-882	Mpa	122.3	
5	Elongation	ASTM-D638	MD	% @23°C	42.5	
			TD	% @23°C	54.6	
6	COF	Outer		@23°C	0.25	
		Inner		@23°C	0.300000012	
7	Solvents Left	ASTM F1884	mg/m2	5-6		
8	Sealing Strength	ASTM F1884	mg/m2	45-50		
9	Sealing Conditions	0Celsius for 0 Seconds				
10	Bond Strength	ASTM F 904	N/15mm	5-6		
11	Impact Strength			2.5		
12	Pressure Resistance	Q/3700SDXS	kg	80		
13	Drop Test Ability	Q/3700SDXS	cm	160		
14	Water Vapor Transimission Rate	ASTM E 96	g/m2/24hr	0.01		
15	Oxygen Transmission Rate	ASTM D 372-99	cc/m2/24hr	0.01		

This technical data sheet is intended to describe the products we are able to provide for our customers, and actual parameters should be subject to the final test report provided by the manufacturer. If you have any questions regarding the test items, just reach us for further assistance.

China Manufacturer:

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Take Around Our Factory

<https://www.youtube.com/watch?v=Dxo85MAECtw>