


# Qingdao Tongli Packaging Products Co., Ltd

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## PRODUCT DESCRIPTION

PRODUCT PHOTO	ITEMS	DETAILS
	PRODUCT-ID	TL-R301
	PRODUCT NAME	Premium quality printed aluminum foil for probiotics 1 g sachet
	TYPE	3 Sides Seal
	APPLICATION	Probiotics
	VOLUME	1g
	DIMENSION	W150*L60*500m/roll
	FOIL STRUCTURE	PET12/AL7/PA15/LDPE80
	THICKNESS	120 microns
	CUSTOM	# Custom printing # Matte Lacquer Coating # Roll diameter less than 30cm
VIDEO	<a href="https://www.youtube.com/watch?v=XFA3bjT3n2A">https://www.youtube.com/watch?v=XFA3bjT3n2A</a>	

### 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 FOOD 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	134		
#4	Tensile Strength	MD	ASTM-D-882	Mpa	30~40	
		TD	ASTM-D-882	Mpa	30~45	
#5	Elongation	MD	ASTM-D638	% @23°C	60~80	
		TD		% @23°C	60~80	
#6	COF	Static		@23°C	0.30	
		Dynamic		@23°C	0.25	
#7	Solvents Left	ASTM F1884	mg/m2	5-6		
#8	Sealing Strength	ASTM F1884	N/15mm	50~60		
#9	Sealing Conditions	170~190 Celsius Degree for 1~1.8 Seconds				
#10	Bond Strength	ASTM F 904	N/15mm	5~6		
#11	Burst Impact Strength	ASTM D1709	J	1.5~2.5		
#12	Anti-Puncture Ability	Q/3700SDXS	N	14~18		
#13	Drop Test Ability	Q/3700SDXS	cm	160		
#14	Anti-pressure Ability	Q/3700SDXS	kg	80		
#15	Water Vapor Transmission Rate	ASTM E 96	g/m2/24hr	0.01		
#16	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>