


## PRODUCT DESCRIPTION

PRODUCT PHOTO		ITEMS	DETAILS
		PRODUCT-ID	TL-12
		PRODUCT NAME	100ml aluminum foil Spout Pouch with big cap for yoghurt
		TYPE	Bottom Gusset
		APPLICATION	BabyFood
		VOLUME	100ml
		DIMENSION	W85 X H130+ BG50mm
		FOIL STRUCTURE	PET12/AL7/PET12//LDPE80
		THICKNESS	120 microns
		CUSTOM	# Custom print # 8.6mm Spout, Double Channel, Nature Color # Rounded Corners
VIDEO	<a href="https://www.youtube.com/watch?v=tJF-w-1_qU">https://www.youtube.com/watch?v=tJF-w-1_qU</a>		
<b>EXPLANATION ON FOIL STRUCTURE</b>			
<p>PET12: Clear polyester film 12 microns, intended for outside print layer            AL7: Aluminum foil metal sheet, 7 microns, human food grade            PET12: Clear polyester film 12 microns, intended for outside print layer            LDPE: Low density polyethylene film human food grade</p>			
<p>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.</p>			
<b>HUMAN FOOD GRADE</b>			
<p>All the film materials, ink and adhesive used in our products are human food grade subject to SGS test.            Read here for more <a href="https://www.valuepackaging.cn/human-food-safety/">https://www.valuepackaging.cn/human-food-safety/</a></p>			
<b>SOME TEST FOR REFERENCE</b>			
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	55~58	<a href="https://www.youtube.com/watch?v=csDUh-RPKn4">https://www.youtube.com/watch?v=csDUh-RPKn4</a>
		TD	ASTM-D-882	Mpa	55~60	<a href="https://www.youtube.com/watch?v=nOTFbuWWmaU">https://www.youtube.com/watch?v=nOTFbuWWmaU</a>
#5	Elongation	MD	ASTM-D638	% @23°C	70~90	<a href="https://www.youtube.com/watch?v=csDUh-RPKn4">https://www.youtube.com/watch?v=csDUh-RPKn4</a>
		TD		% @23°C	70~90	<a href="https://www.youtube.com/watch?v=nOTFbuWWmaU">https://www.youtube.com/watch?v=nOTFbuWWmaU</a>
#6	COF	Static		@23°C	0.30	
		Dynamic		@23°C	0.25	
#7	Solvents Left	ASTM F1884	mg/m2		<a href="https://www.youtube.com/watch?v=Mm9gYg1IR88">https://www.youtube.com/watch?v=Mm9gYg1IR88</a>	
#8	Sealing Strength	ASTM F1884	N/15mm	66~70	<a href="https://www.youtube.com/watch?v=isXrpPgTuRq">https://www.youtube.com/watch?v=isXrpPgTuRq</a>	
#9	Sealing Conditions	160~180Celsius for 1.2~1.8 Seconds				
#10	Bond Strength	ASTM F 904	N/15mm	5-8		
#11	Brust Impact Strength	ASTM D1709	J			
#12	Anti-Puncture Ability	Q/3700SDXS	N	15-19	<a href="https://www.youtube.com/watch?v=-WwZm6-dF4A">https://www.youtube.com/watch?v=-WwZm6-dF4A</a>	
#13	Drop Test Ability	Q/3700SDXS	cm		<a href="https://www.youtube.com/watch?v=3ynTql15LLU">https://www.youtube.com/watch?v=3ynTql15LLU</a>	
#14	Anti-pressure Ability	Q/3700SDXS	kg		<a href="https://www.youtube.com/watch?v=jRmzmdi2inA">https://www.youtube.com/watch?v=jRmzmdi2inA</a>	
#15	Water Vapor Transimission Rate	ASTM E 96	g/m2/24hr	0.01	<a href="https://www.youtube.com/watch?v=81jcwDKiQ44">https://www.youtube.com/watch?v=81jcwDKiQ44</a>	
#16	Oxygen Transmission Rate	ASTM D 372-99	cc/m2/24hr	0.01	<a href="https://www.youtube.com/watch?v=81jcwDKiQ44">https://www.youtube.com/watch?v=81jcwDKiQ44</a>	

This technical data sheet is intended to describe the products we are able to provide for our customers, and actual specifications and 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:

Qingdao Tongli Packaging Products Co., Ltd

Add: #510, No.1 Building, Image Shidai Center, Zhengyang Road, Qingdao, Shandong, China P.C.:266109

Tel: 0086-159 6423 5981 Fax: 0086-532-66721158

Web: [www.valuepackaging.cn](http://www.valuepackaging.cn)

Email: [office@valuepackaging.cn](mailto:office@valuepackaging.cn)