

## PRODUCT DESCRIPTION

PRODUCT PHOTO	ITEMS	DETAILS
	PRODUCT-ID	TL-8
	PRODUCT NAME	750ml PET-AL-PA-PE aluminum foil spout bag for apple juice
	TYPE	Bottom Gusset
	APPLICATION	Juice
	VOLUME	750ml
	DIMENSION	W150 X H230+ BG80mm
	FOIL STRUCTURE	PET12//AL7//PA15//LDPE110
	THICKNESS	150 microns
	CUSTOM	# Custom print # 8.6mm Spout, Single Channel, Nature Color # Rounded Corners
	VIDEO	

### 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 called 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 <https://www.valuepackaging.cn/human-food-safety/>

### 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	162		
#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	170~190Celsius for 1~1.8 Seconds				
#10	Bond Strength	ASTM F 904	N/15mm	5~6		
#11	Brust 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 Transimission 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 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)