


Qingdao Tongli Packaging Products Co., Ltd

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PRODUCT DESCRIPTION

PRODUCT PHOTO	ITEMS	DETAILS
	PRODUCT-ID	TL-R300
	PRODUCT NAME	Premium quality printed metallized foil for cat foods 20g pillow pouch
	TYPE	Pillow Pouch
	APPLICATION	Cat foods
	VOLUME	20g
	DIMENSION	W220*L135*500m/roll
	FOIL STRUCTURE	PET12/VMPET12///LDPE80
	THICKNESS	110 microns
	CUSTOM	# Custom printing # Matte Lacquer Coating # Roll diameter less than 30cm
VIDEO	https://www.youtube.com/watch?v=XFA3bjT3n2A	

EXPLANATION ON FOIL STRUCTURE

PET12: Clear polyester film 12 microns, intended for outside print layer
 VMPET12: Metallized polyester film 12 microns, also equals to 48gauge
 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	113		
#4	Tensile Strength	MD	ASTM-D-882	Mpa	35~40	https://www.youtube.com/watch?v=866WyMjVSXA
		TD	ASTM-D-882	Mpa	40~45	https://www.youtube.com/watch?v=KMuglZj9e4I
#5	Elongation	MD	ASTM-D638	% @23°C	20~30	https://www.youtube.com/watch?v=866WyMjVSXA
		TD		% @23°C	20~30	https://www.youtube.com/watch?v=KMuglZj9e4I
#6	COF	Static		@23°C	0.16	https://www.youtube.com/watch?v=IR97DoFTORY
		Dynamic		@23°C	0.16	https://www.youtube.com/watch?v=IR97DoFTORY
#7	Solvents Left	ASTM F1884	mg/m2	3-4	https://www.youtube.com/watch?v=Mm9gYg1IR88	
#8	Sealing Strength	ASTM F1884	N/15mm	46~50		
#9	Sealing Conditions	150-160 Celsius Degree for 1-2S Seconds				
#10	Bond Strength	ASTM F 904	N/15mm	3~4		
#11	Burst Impact Strength	ASTM D1709	J	2.4	https://www.youtube.com/watch?v=uNTyvXuHuXw	
#12	Anti-Puncture Ability	Q/3700SDXS	N	11~13	https://www.youtube.com/watch?v=Y3kNibVbsB8	
#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	1.05	https://www.youtube.com/watch?v=81jcwDKiQ44	
#16	Oxygen Transmission Rate	ASTM D 372-99	cc/m2/24hr	0.95	https://www.youtube.com/watch?v=81jcwDKiQ44	

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>