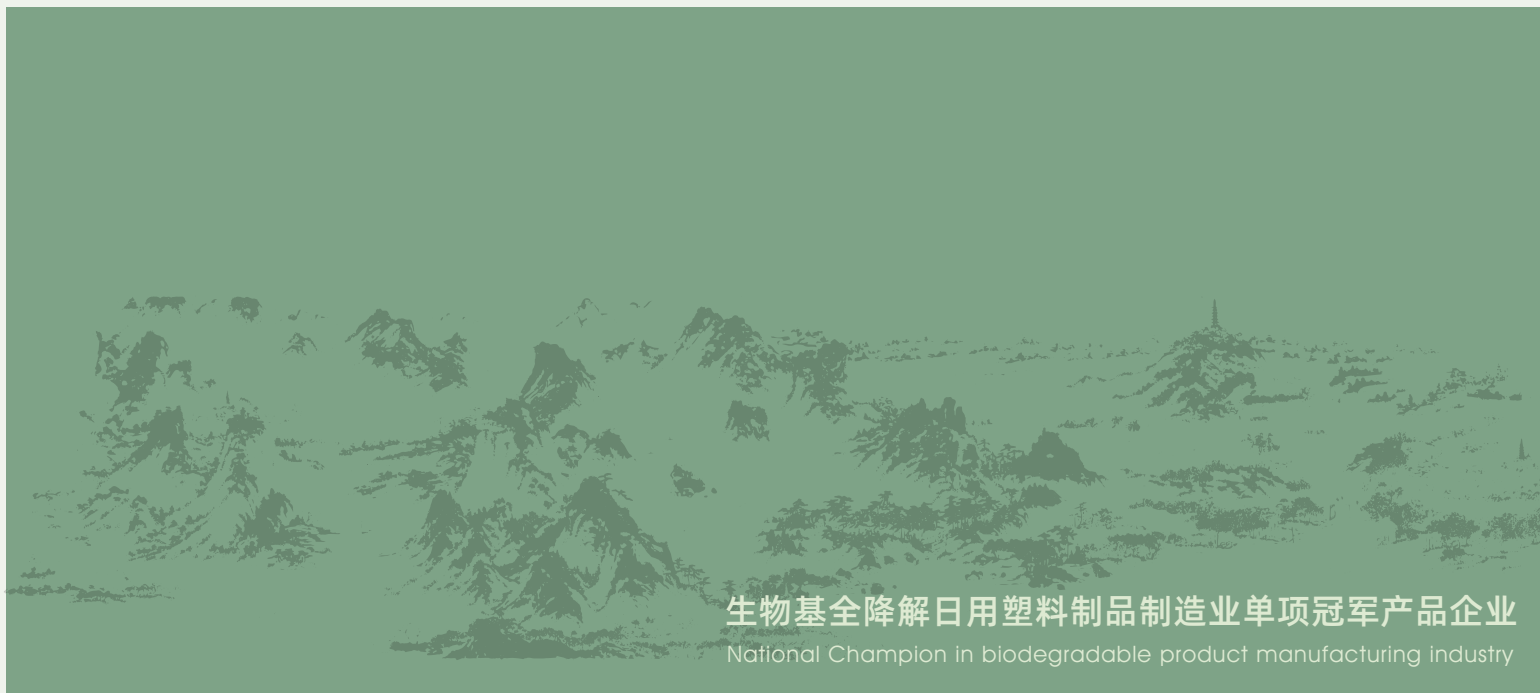


生物降解产品手册

BROCHURE OF COMPOSTABLE PRODUCTS



官方公众号



官方视频号

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HL 家联科技
HOME-LINK
股票简称: 家联科技 股票代码: 301193
Stock Code 301193.SZA



成立于
Established in
2009



厂区面积
Area
200,000m²



员工数量
Employees
2000+



2022年营业收入
Operation revenue
19.76亿人民币
297M USD

公司简介 COMPANY PROFILE

宁波家联科技股份有限公司

创建于2009年，总部位于浙江宁波。2021年在深交所上市(股票代码:301193)

家联科技是一家专注于生物全降解制品及塑料日用品的研发、生产与销售的高新技术企业，旗下业务涵盖：生物降解改性材料、生物降解塑料制品、植物纤维制品及塑料日用品等。目前在浙江、广西、广东及美国、泰国等地建立了9个生产基地，销售网络覆盖全球，为全球客户提供一站式的绿色产品及创新解决方案。

Ningbo Homelink Eco-iTech Co., Ltd.

Established in 2009, Ningbo Homelink Eco-iTech Co., Ltd. is a leading manufacturer in China for both conventional plastic tableware and bio-degradable products, including cutlery, straws, cups, plates, bowls, food containers, etc. Homelink focuses on the research and development of compostable materials and products, and provides solutions to a safe, convenient and eco-friendly lifestyle.

家联通过了多项国际权威认证

Homelink passed internationally-recognized audits and certifications



全降解产品的各项国内外认证

National and international certifications for bio-degradable and compostable products





数字化配料系统
Digital Compounding
System



原料改性车间
Compostable Material
Modifying Workshop



膜袋车间
Bag & Wrap
Workshop



吸塑车间
Thermo-forming
Workshop



注塑车间
Injection Workshop



纸品车间
Paper Products
Workshop



生产、印刷、包装全自动化流转
Automatic PPP circulation:
producing-printing-packaging



中央控制系统
Central Control System



数字化车间系统
DSS: Digital Shop System

国内外主要客户 | MAJOR CUSTOMERS

家联与多个全球顶级客户达成长期战略合作, 包括国际连锁超市、餐饮和分销商

Homelink has built long-term strategic partnership with multiple world-renowned clients, including international chain supermarkets, restaurants and foodservice distributors.



截止目前, 家联拥有超140项 国家及国际专利技术, 并荣获多项荣誉

Currently Homelink owns more than 140 national and international patents, also has awarded multiple honors.



 PHA 制品 PHA Products	 生物降解吸管 Compostable Straw	 生物降解杯 Compostable Cup	 生物降解餐具 Compostable Cutlery	 生物降解餐饮具 Compostable Tableware	 生物降解耐用餐饮具 Reusable Compostable Tableware	 生物降解膜袋 Compostable Bag & wrap	 纸制品 Paper Products	 保温袋 Reusable Bags
07 07-08	11 11-12	13 13-14	15 15-16	17 17-18	19 19-20	07 07-10	21 21-22	23 23-30

PHA | 制品 PRODUCTS

Polyhydroxyalkanoates (PHA), is a type of biobased and biodegradable material, which primarily generated by microbial fermentation.

■ PHA耐热吸管：耐热温度高，无需二次结晶，可家庭堆肥

PHA heat-resistant straws: high heat resistance, no need for secondary crystallization, and it's Home Compostable.

■ PHA一次性餐具：耐热温度高，可家庭堆肥

PHA disposable tableware: high heat resistance and Home Compostable.

■ PHA半耐久性杯子：可重复使用，耐热温度高，可家庭堆肥

PHA semi-durable cups: Reusable, high heat resistance, and Home Compostable.

■ PHA淋膜纸杯：热封性好，阻隔性高，可再制浆，可海水降解

PHA coated paper cups: outstanding heat-sealing performance, leak-proof function, repulping, degradable in seawater

PHA注塑杯 | PHA CUP



PHA勺 | PHA SPOON



PHA吸管 | PHA STRAWS



PHA淋膜纸杯 | PHA COATED PAPER CUPS



PLA | 吸管 STRAW

- 货架期12个月
Shelf life approx. 12 months
- 存储环境低温干燥
Store in cool and dry place



DESCRIPTION	DIA.(MM)	LENGTH(MM)	LENGTH(INCH)
Straight Straw	φ 2.8~11	134~350	5.25~13.75
Flexible Straw	φ 4.8~6.1	180~260	7~10.25
Double Barrel	φ 4	150~250	6~10
Triple Barrel	φ 5.5	150~250	6~10
Paper Wrapped	/	180~260	7~10.25

- 耐热CPLA结晶吸管
Heat-resistant CPLA straws can resist 75 °C

PLA

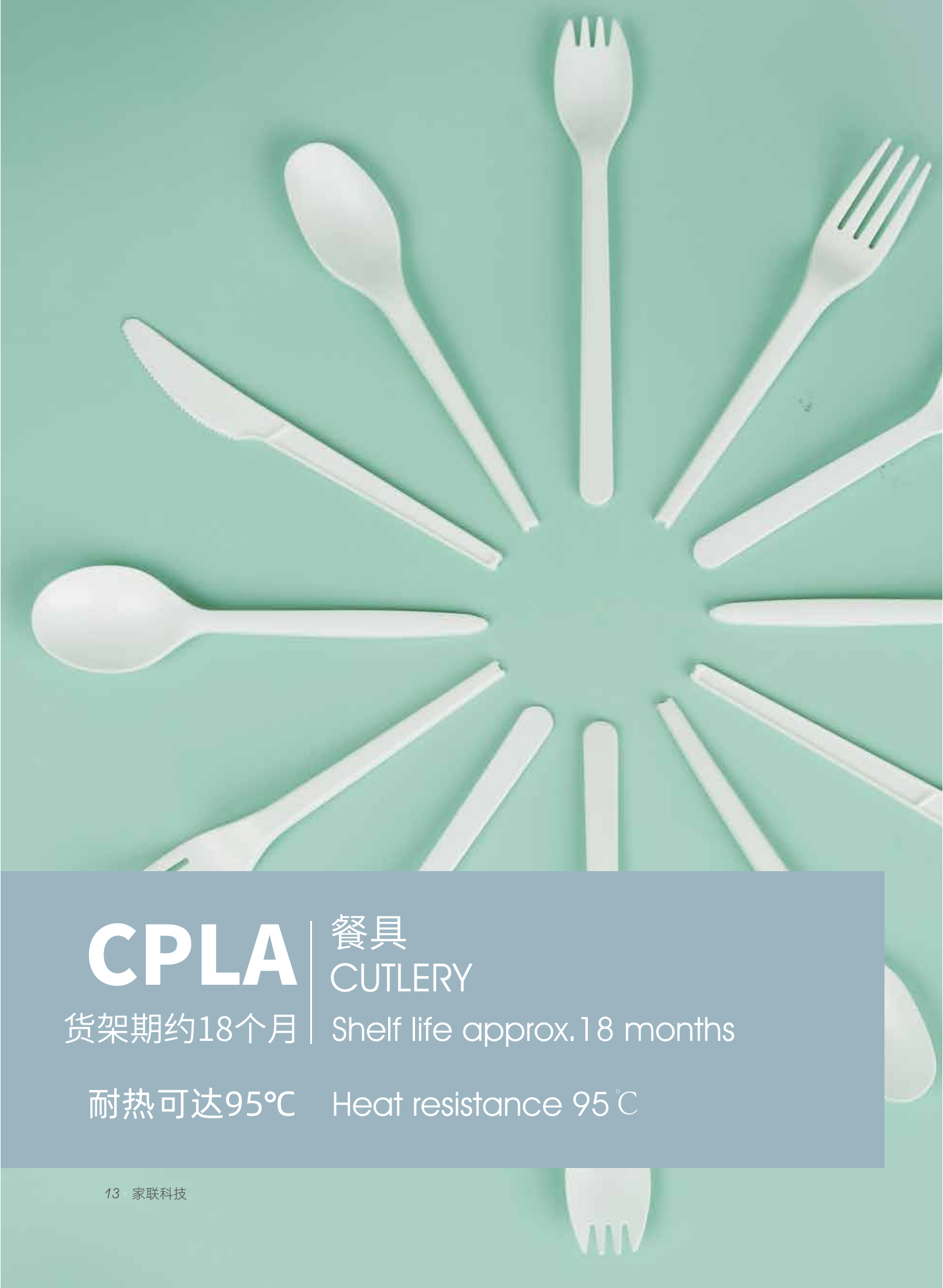
冷饮杯
COOL DRINKING CUP

- 货架期约12个月
- 存储环境低温、干燥

Shelf life approx. 12 months
Store in cool and dry place



ITEM NO	CAPACITY	TOP DIA.(MM)	BOTTOM DIA.(MM)	HEIGHT(MM)	WEIGHT(G)
PLA100009/96	9oz/270ml	φ96	55	75	7-7.5
PLA100012/96	12oz/350ml	φ96	53	106	9-9.5
PLA100016/96	16oz/475ml	φ96	60	124	10.5-11
PLA100020/96	20oz/600ml	φ96	60	143	12.5-13.5
PLA100024/96	24oz/700ml	φ96	65	156	13.5-14.5
PLA-LD96-03 (flat lid)	/	φ98	/	/	2.3
PLA-LD96-02 (dome lid)	/	φ101	/	45	3.5
PLA100012/98	12oz/350ml	φ98	58	92	9.5
PLA100016/98	16oz/475ml	φ98	62	121	11
PLA100020/98	20oz/600ml	φ98	62	147	12.5
PLA-LD98-01 (flat lid)	/	φ102	/	/	3.3
PLA-LD98-02 (dome lid)	/	φ104	/	45	3.7



CPLA

餐具
CUTLERY

货架期约18个月

Shelf life approx.18 months

耐热可达95℃

Heat resistance 95℃

ITEM NO PRODUCT WEIGHT LENGTH					ITEM NO PRODUCT WEIGHT LENGTH				
					L1301	fork	3.7	15.4	
					L2301	teaspoon	3.7	14.3	
					L3301	knife	3.7	15.3	
					L4301	soup spoon	3.7	13.7	
					L1401	fork	4.6	15.9	
					L2401	teaspoon	5.5	14.8	
					L3401	knife	4.5	15.2	
					L1403	fork	4.3	16.7	
					L2403	teaspoon	4.6	15.8	
					L3403	knife	4.4	17.8	
					L1501	fork	5.0	16.5	
					L2501	teaspoon	5.0	15.8	
					L3501	knife	5.1	16.8	
					L1503	fork	5.1	18.0	
					L2503	teaspoon	5.2	17.2	
					L3503	knife	5.1	17.8	
					L4503	soup spoon	5.0	14.5	
					L1603	fork	6.5	18.5	
					L2603	teaspoon	7.8	18.5	
					L3603	knife	6.6	18.5	
					L8401	fork	4.6	18.5	
					L4701	spoon	7.2	16.8	
					L2506	spoon	5.6	16.4	
					L4201	mini spoon	2.8	11.2	
					L5201	mini spork	2.8	11.4	
					L5405	spork	4.9	15.5	
PLA film wrapped kits					kraft paper wrapped kits				



CPLA

餐饮具

Tableware

货架期约18个月 | Shelf life approx.18 months

耐热可达95℃ | Heat resistance 95℃



PRODUCT	SIZE(CM)	WEIGHT(G)
	26.3*22*4.2	40
Lid	26.3*22*1	24.3
	19.0*11.6*4.5	18
Lid	19.0*11.6*0.6	9.8
	φ 13/8*5.3	11
Lid	φ 13*0.6	6.5
	φ 9/6*10	10
Lid	φ 9/6*2	3.3

PLA耐用餐饮具

| REUSABLE PLA TABLEWARE

	PRODUCT	SIZE(CM)	WEIGHT(G)
	13oz bowl	11.6*6.7	104
	5.5" plate	14.1*2.2	70.1
	7.5" plate	19.3*3.2	147
	7"*5"oval plate	17.7*12.5	73.4
	13.5"*8"oval plate	34.5*20.5	265
	Spoon	15*4	18
	Chopsticks	24*0.7	11.2
	3-Comp. Kids Tray	26.1*18.1*2.5	256
	2-Comp. Kids Tray	27.9*19.0*2.8	251
	Kids Cup	9.8*7.6*6.2	54
	Kids Bowl	10.8*8.8*5.3	59
	Kids Teaspoon	14.1*2.7*1.8	14.6
	Kids Soupspoon	14.1*3.3*2.1	15.8
	Kids Spork	14.1*3.5*1.8	14.8

	PRODUCT	SIZE(CM)	WEIGHT(G)
	school tray	35.0*25.9*2.3	505
	Luch box	21.2*11.9*10.9	670
	Fruits/Nuts Plate	26.3*26.3*9.8	1171
	Basket	23.1*25.8*10.2	466
	S Airtight Container	12.9*12.9*12.0	255
	M Airtight Container	12.9*12.9*18.0	313
	L Airtight Container	12.9*12.9*23.5	368
	Airtight Lid	12.9*12.9*1.8	70

PBAT | 生物降解膜袋 BAG & WRAP

■ 货架期约12个月
Shelf life approx.12 months

■ 存储环境低温、干燥
Store in cool and dry place

购物袋：背心袋、挖口袋
Shopping Bag:T-shirt Bag,Merchandise Bag

食品保鲜袋：自封袋、拉链袋、保鲜袋
Food Storage Bag:Ziplock Bag,Self Adhesive Bag,Flat Bag

垃圾袋：连卷垃圾袋、商用垃圾袋
Garbage Bag:Household Garbage Bags(rolled),
Commercial Garbage Bag

快递袋
Courier Bag

生物降解膜袋 购物袋 | SHOPPING BAG

背心袋 T-shirt Bag

最小MIN: 280* (100+35*2) *0.02mm
最大MAX: 800* (600+150*2) *0.08mm

挖口袋 Merchandise Bag

最小MIN: 300* (100+35*2) *0.035mm
最大MAX: 500* (400+80*2) *0.1mm

生物降解膜袋

食品保鲜袋 | FOOD STORAGE BAG



最小MIN: 300* (100+50*2*2) *0.01mm
最大MAX: 500*(125+62.5*2*2)*0.025mm



生物降解膜袋

垃圾袋 | GARBAGE BAG

最小MIN: 200*180*0.015mm
最大MAX: 1200*1000*0.1mm



生物降解膜袋

快递袋 | COURIER BAG

最小MIN: 80* (150+30) *0.035mm
最大MAX: 800* (700+40) *0.08mm





纸制品

PAPER TABLEWARE

所有纸产品都是FSC认证的。
All paper products are FSC certified.



ITEM NO	DESCRIPTION	TOP DIA.(MM)	BOTTOM DIA.(MM)	HEIGHT(MM)	MATERIAL	WEIGHT(G)
Z00007A	7oz/200ml paper cup	φ70	φ50	78	230gsm	4.9
Z00008A	8oz/230ml paper cup	φ80	φ56	90	300gsm	7.8
Z00009A	9oz/270ml paper cup	φ80	φ54	92	300gsm	8.2
Z000010A	10oz/300ml paper cup	φ90	φ58	102	300gsm	9.8
Z000012A	12oz/350ml paper cup	φ90	φ58	108	300gsm	10.7
Z000016A	16oz/480ml paper cup	φ90	φ58	134	300gsm	12.9
Z000022A	22oz/650ml paper cup	φ90	φ60	159	320gsm	15.4
Z000024A	24oz/650ml paper cup	φ90	φ61	178	320gsm	17.5

ITEM NO	DESCRIPTION	SIZE(CM)	MATERIAL	WEIGHT(G)
800006	6" paper plate	φ15.2	170gsm	3.2
800007	7" paper plate	φ17.8	230gsm	6.3
800008	8" paper plate	φ20.0	230gsm	8.4
800009	9" paper plate	φ23.0	230gsm	10.1
800010	10" paper plate	φ25.4	260gsm	15.2
800011	11" paper plate	φ25.9	300gsm	18.3
600009	9" paper plate	φ23.0	160gsm	7.3

ITEM NO	DESCRIPTION	SIZE(CM)	MATERIAL	WEIGHT(G)
8000012	12oz paper bowl	φ15.2*3.8	350gsm	10.5
8000020	20oz paper bowl	φ18.9*3.8	300gsm	12.9

ITEM NO	DESCRIPTION	PACKING	DIA(MM)	LENGTH(MM)
paper straw	3-4 layer	bulk/paper wrapped	5.5-12	127-360

手提纸袋 PAPER BAGS

最小MIN: 120*100*180mm
最大MAX: 210*115*320mm
纸张厚度: 50-140gsm



平口纸袋 KRAFT BAGS

最小MIN: 120*100*180mm
最大MAX: 210*115*320mm
纸张厚度: 50-140gsm



保温袋

REUSABLE BAGS

最小MIN: 100*80*180mm
最大MAX: 500*220*450mm
提手长度: 370-600mm

