



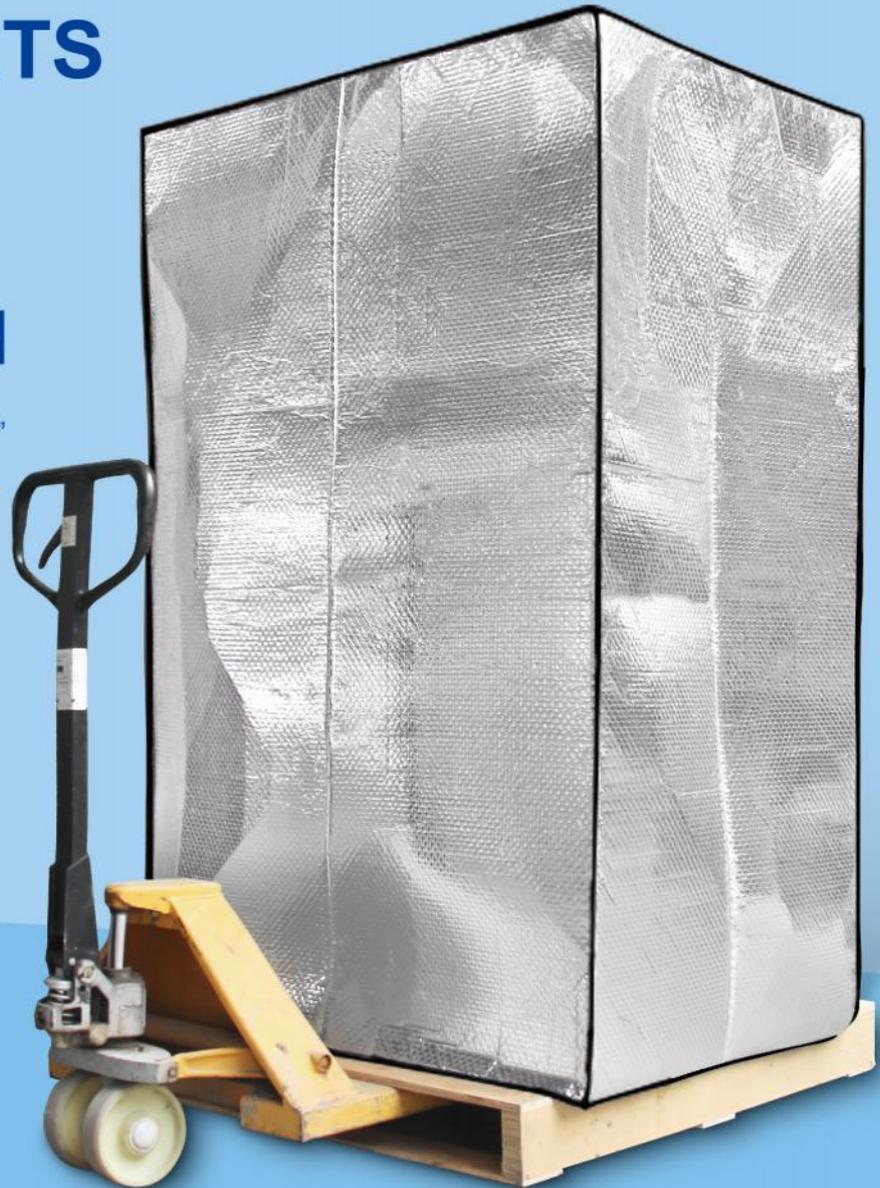
# 隔热保温罩

## THERMAL COVERS & BLANKETS

- ✓ 个性定制
- ✓ 技术支持

“Customized

Thermal Insulated Solutions,  
We Manufacture & Deliver”



## 为什么选择隔热材托盘罩? Why Insul-Pack Pallet Covers?

- 高质量隔热保温罩提供良好的保护，确保您的货物以最佳状态到达。
- 材料经过国际ASTM认证，隔热保温性能有保障。
- 易于使用，适合反复使用。
- 节省空间且成本效益高。
- 我们有多种不同材料的罩子。可定制尺寸。
- 源头厂家制造，生产过程遵循ISO质量、安全和环境管理体系。
- High quality Covers provide maximum strength and protection to ensure your goods arrive in tip top condition
- Validated thermal performance
- Easy to use and suitable for reuse again and again
- Space saving and cost effective
- We have blankets of 10+ different materials. Custom sizing available
- Made in China and manufactured under an ISO Quality, Safety and Environmental Management System



双针车缝包边  
Duel Locking System



魔术贴/胶带闭合  
Velcro / Tape Lock



## 标准托盘尺寸 STANDARD PALLET SIZES

中国托盘 CN Pallet	1200*1200*1300mm 1200*1200*1600mm
欧洲托盘 EU Pallet	1200mm*1000mm 1200mm*800mm
美国托盘 US Pallet	1219mm*1016mm
日韩和其他国家 JP, KR and Other Countries	1100mm*1100mm

我们根据客户要求定制尺寸 We customize the size as per client's requirement

## 应用领域 APPLICATIONS



易腐和冷冻食品  
Perishable and Frozen Foods



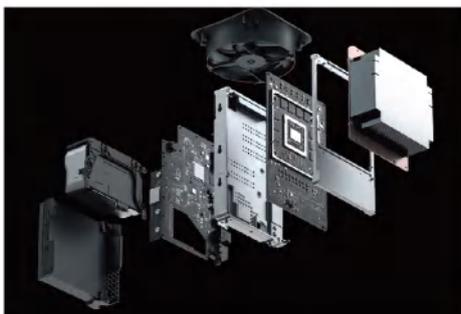
啤酒/饮料和干冰  
Beer/Drinks and Dry Ice



工业化学品和油漆  
Industrial Chemicals and Paints



医疗产品  
medical products



高科技和电子产品  
High Tech and Electrical



冰淇淋和乳制品  
ice cream and dairy



烘焙食品  
bakery



餐饮/自动售货  
Catering/Vending



冷冻库  
Freezer

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## 气泡托盘罩 Bubble Pallet Covers

名称Product Name	BP501 / BP601	
材料Material	铝膜+单层/双层气泡+铝膜 铝膜+黑色气泡+PE 铝箔+单层/双层气泡+铝箔 克重130-340(g/m <sup>2</sup> )	MPET Foil + Single / Double Bubble + MPET Foil MPET Foil + Black Bubble + PE Alu + Single / Double Bubble + Alu GSM130-340(g/m <sup>2</sup> )
规格Sizes	长1.2*宽1.2*高1.3/1.6m 长1.2*宽1*高1.3/1.6m 可定制	L1.2*W1.2*H1.3/1.6m L1.2*W1*H1.3/1.6m Customizable
厚度Thickness	3mm,6mm	
重量Weight	1.2*1.2*1.3m 4kg/个	1.2*1.2*1.3m 4kg/PCS
工艺(款式) Style	五面或六面防护、有无包边、魔术贴或拉链开口、有无A4透明塑料窗,可定制	Five or six-sided protection, with or without edging, Velcro or zipper opening, with or without A4 transparent plastic window, can be customized
	用于对温度敏感货物的托盘包装,具有隔热保温、抗紫外线、防水、防雨、防脏、抗撕裂等作用。	Used for pallet packaging of temperature-sensitive goods, with heat insulation, UV resistance, waterproof, rainproof, dirt-proof, tear-resistant and other functions.
特点Features	1.材料符合欧盟环保安全标准 3.能有效阻隔氧气、水蒸气、紫外线,可遮阳遮光; 1. The material complies with EU environmental safety standards 2. The maximum temperature difference between the inside and outside of the heat shield can reach: 5°-20°C 3. It can effectively block oxygen, water vapor, ultraviolet rays, and can block sunlight; 4. Lightweight, foldable, recyclable, space-saving and cost-effective.	2.隔热罩内外最大温差可达: 5°-20°C 4.重量轻、可折叠、可循环使用,节省空间和成本效益。
适用场景Applications	1.用于冷链物流相关场景,如易腐和冷冻食品、啤酒/饮料和干冰、工业化学品和油漆、医药产品、电气产品、冰淇淋和乳制品、面包房、餐饮/贩卖等货物的托盘运输、仓储、笼车和手推车的外罩包装。 2.工作温度: -40-100°C 1. Used in cold chain logistics related scenarios, such as pallet transportation, warehousing, cage trucks and trolleys for perishable and frozen foods, beer/beverages and dry ice, industrial chemicals and paints, pharmaceutical products, electrical products, ice cream and dairy products, bakeries, catering/vending, etc. 2. Working temperature: -40-100°C	

BP501



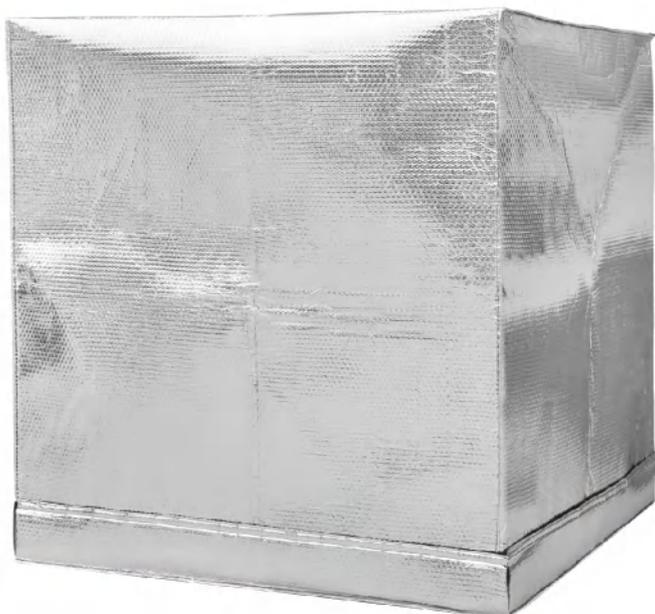
BP501



BP501



BP601



BP601



## 材料技术参数 Material Technical Parameters

产品性能Performance	指标值Index Value	引用标准、规范Reference Standards
保温测试Insulation Test	时长6H 内外平均温差41.5°C Duration 6H Average temperature difference between inside and outside 41.5°C	内部标准 Internal Standards
导热系数Thermal Conductivity	0.028-0.044 W/(m · K)	ASTM-C-518-21
热阻Thermal Resistance	0.09-0.13 (m <sup>2</sup> · K)/W	ASTM-C-518-21
反射率Reflectivity	95-97%	ASTM E424
拉伸强度Tensile Strength	329-373 N/50mm	JC/T 2494-2018
环保安全性Environment Safety	REACH 通过 REACH passed	1907/2006号REACH法规 REACH Regulation No. 1907/2006
耐高温&低温性High & Low Temp. Resistance	80°C和-40°C,尺寸变化率<2% 80°C and -40°C, dimensional change rate <2%	EN 1604:2013
水蒸气透过率Water Vapour Permeability	<0.02 g/(m <sup>2</sup> .h)	ASTM E96

注：本产品根据不同市场需求，可参考不同市场标准进行测试定制

Note: This product can be tested and customized according to different market standards with reference to varying market demands.

## EPE托盘罩 EPE Pallet Covers

名称Product Name	EPE501 / EPE601	
材料Material	铝膜+EPE棉+铝膜	MPET Foil + EPE Foam + MPET Foil
规格Sizes	长1.2*宽1.2*高1.3/1.6米 长1.2*宽1*高1.3/1.6米 可定制	L1.2*W1.2*H1.3/1.6 meter L1.2*W1*H1.3/1.6 meter Customizable
厚度Thickness	3mm / 5mm	
工艺(款式) Style	五面或六面防护、有无包边、魔术贴或拉链开口、有无A4透明塑料窗,可定制。 Five or six-sided protection, with or without edging, Velcro or zipper opening, with or without A4 transparent plastic window, can be customized	
用途Use	用于对温度敏感货物的托盘包装,具有缓冲、隔热、防震、隔音和防水、防脏等作用。 Used for pallet packaging of temperature-sensitive goods, with heat insulation, UV resistance, waterproof, rainproof, dirt-proof, tear-resistant and other functions.	
特点Features	<ol style="list-style-type: none"> <li>轻量化:EPE材料重量轻,可以降低运输成本。</li> <li>耐冲击:EPE材料具有良好的缓冲性能,可以有效吸收冲击力。</li> <li>隔热防潮:EPE材料具有良好的隔热和防潮性能。</li> <li>环保:EPE材料是一种环保材料,可以回收再利用。</li> </ol> <ol style="list-style-type: none"> <li>Lightweight: EPE material is light in weight, which can reduce transportation costs.</li> <li>Impact-resistant: EPE material has good cushioning performance and can effectively absorb impact force.</li> <li>Heat and moisture insulation: EPE material has good heat and moisture insulation performance.</li> <li>Environment-friendly: EPE material is eco-friendly, recyclable, and complies with the EU ROHS material safety standard.</li> </ol>	
适用场景Applications	适用于冷链类货物及电子产品、家电等产品在运输、仓储、中转搬运等场景。 Suitable for cold-chain goods, electronic products, home appliances, etc., in transportation, warehousing, transfer and handling scenarios.	

### EPE501



EPE601



## 材料技术参数 Material Technical Parameters

产品性能Performance	指标值Index Value	引用标准、规范Reference Standards
导热系数Thermal Conductivity(5mm)	0.035 W/(m · K)	ASTM-C-518-21
热阻Thermal Resistance(5mm)	0.014 (m <sup>2</sup> · K)/W	ASTM-C-518-21
环保/安全性Environmental Safety	REACH、ROHS通过 REACH、ROHS Passed	1907/2006号REACH法规 REACH Regulation No. 1907/2006
反射率Reflectivity	95-97%	ASTM E424
水蒸气透过率Water Vapour Permeability	<0.02 g/(m <sup>2</sup> .h)	ASTM E96

注：本产品根据不同市场需求，可参考不同市场标准进行测试定制

Note: This product can be tested and customized according to different market standards with reference to varying market demands.

## XPE托盘罩 XPE Pallet Covers

名称Product Name	XPE501 / XPE601	
材料Material	纯铝+XPE棉+纯铝	Alu+XPE Foam+Alu
规格Sizes	长1.2*宽1.2*高1.3/1.6米 长1.2*宽1*高1.3/1.6米 可定制	L1.2*W1.2*H1.3/1.6 meter L1.2*W1*H1.3/1.6 meter Customizable
厚度Thickness	3mm / 6mm	
工艺(款式) Style	五面或六面防护、有无包边、魔术贴或拉链开口、有无A4透明塑料窗,可定制 Five or six-sided protection, with or without edging, Velcro or zipper opening, with or without A4 transparent plastic window, can be customized	
用途Use	适用于运输及仓储环节的托盘包装, 具有缓冲、隔热、防震、隔音和防水、防脏等作用。 Used for pallet packaging of temperature-sensitive goods, with heat insulation, UV resistance, waterproof, rainproof, dirt-proof, tear-resistant and other functions.	
特点Features	<ol style="list-style-type: none"> <li>1.加厚轻量化复合材料重量轻, 可以降低运输成本。</li> <li>2.耐冲击: 具有良好的缓冲性能, 可以有效吸收冲击力。</li> <li>3.隔热防潮: 具有良好的隔热和防潮性能。</li> <li>4.环保: 符合欧盟REACH材料安全标准。</li> </ol> <ol style="list-style-type: none"> <li>1. Lightweight: EPE material is light in weight, which can reduce transportation costs.</li> <li>2. Impact-resistant: EPE material has good cushioning performance and can effectively absorb impact force.</li> <li>3. Heat and moisture insulation: EPE material has good heat and moisture insulation performance.</li> <li>4. Environment-friendly: EPE material is eco-friendly, recyclable, and complies with the EU ROHS material safety standard.</li> </ol>	
适用场景Applications	适用于冷链类货物及电子产品、家电等产品在运输、仓储、中转搬运等场景, 能有效提供隔热、防震和缓冲等保护。 Suitable for cold-chain goods, electronic products, home appliances, etc., in transportation, warehousing, transfer and handling scenarios.	

### XPE501



### XPE601



XPE501



### 材料技术参数 Material Technical Parameters

产品性能Performance	指标值Index Value	引用标准、规范Reference Standards
导热系数Thermal Conductivity(5mm)	0.041 W/(m · K)	ASTM-C-518-21
热阻Thermal Resistance(5mm)	0.12 (m <sup>2</sup> · K)/W	ASTM-C-518-21
环保/安全性Environmental Safety	REACH通过 REACH Passed	1907/2006号REACH法规 REACH Regulation No. 1907/2006
反射率Reflectivity	95-97%	ASTM E424
水蒸气透过率Water Vapour Permeability	<0.02 g/(m <sup>2</sup> .h)	ASTM E96

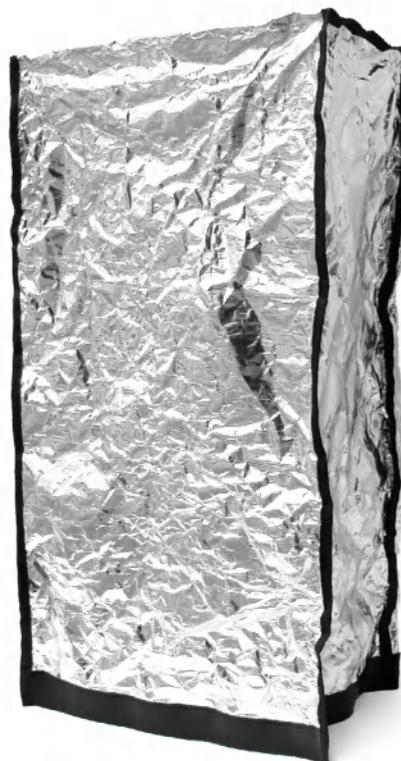
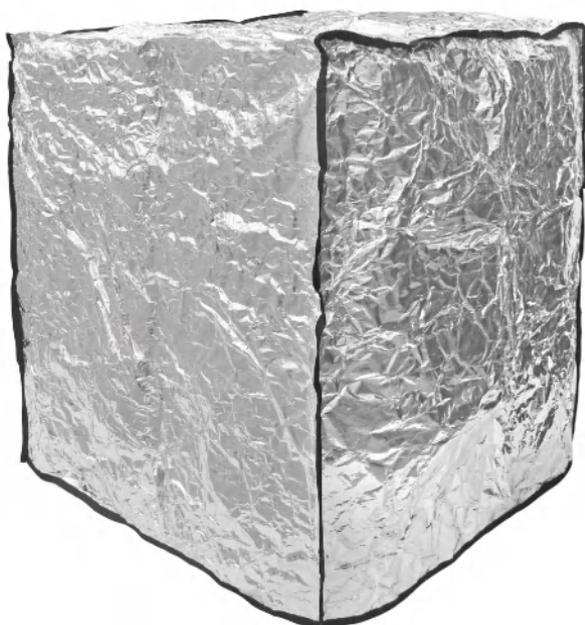
注：本产品根据不同市场需求，可参考不同市场标准进行测试定制

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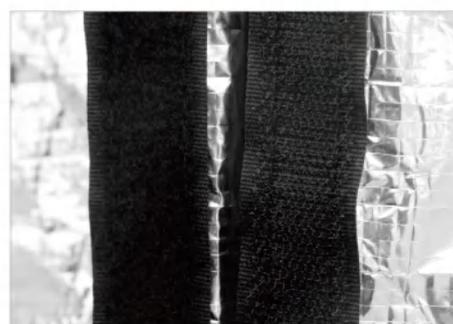
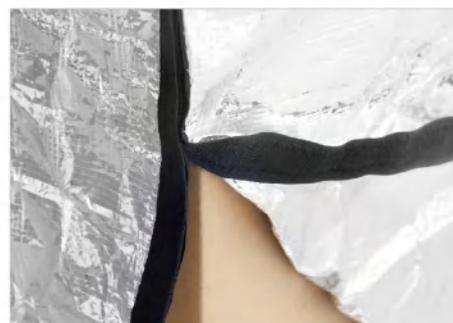
## 编织布托盘罩 Barrier Woven Pallet Covers

名称Product Name	RB501 / RB601	
材料Material	双面铝箔膜编织布 密度135(g/m <sup>2</sup> )	Alu Foil Radiant Barrier Woven 135(g/m <sup>2</sup> )
规格Sizes	长1.2*宽1.2*高1.3/1.6米 长1.2*宽1*高1.3/1.6米 可定制	L1.2*W1.2*H1.3/1.6 meter L1.2*W1*H1.3/1.6 meter Customizable
厚度Thickness	0.16mm	
工艺(款式) Style	五面或六面防护、有无包边、魔术贴或拉链开口、有无A4透明塑料窗,可定制。 Five or six-sided protection, with or without edging, Velcro or zipper opening, with or without A4 transparent plastic window, can be customized	
用途Use	用于对温度敏感货物的托盘包装,具有隔热保温、抗紫外线、防水、防雨、防脏、抗撕裂等作用。 Used for pallet packaging of temperature-sensitive goods, with heat insulation, UV resistance, waterproof, rainproof, dirt-proof, tear-resistant and other functions.	
特点Features	<ol style="list-style-type: none"> <li>1.材料符合欧盟REACH材料安全标准</li> <li>2.隔热罩内外最大温差可达: 6°C-15°C</li> <li>3.能有效阻隔氧气、水蒸气、紫外线,可遮阳遮光;</li> <li>4.重量轻、抗撕裂且坚固耐用、可折叠、可循环使用,节省空间和成本效益。</li> </ol> <ol style="list-style-type: none"> <li>1. The material complies with EU environmental safety standards</li> <li>2. The maximum temperature difference between the inside and outside of the heat shield can reach: 5°-20°C</li> <li>3. It can effectively block oxygen, water vapor, ultraviolet rays, and can block sunlight;</li> <li>4. Lightweight, foldable, recyclable, space-saving and cost-effective.</li> </ol>	
适用场景Applications	<ol style="list-style-type: none"> <li>1.适用于冷链物流相关场景,如易腐和冷冻食品、啤酒/饮料和干冰、医药产品、电气产品、冰淇淋和乳制品、面包房、餐饮/贩卖等货物的笼车和手推车的外罩包装</li> <li>2.工作温度: -40-100°C</li> </ol> <ol style="list-style-type: none"> <li>1. Used in cold chain logistics related scenarios, such as pallet transportation, warehousing, cage trucks and trolleys for perishable and frozen foods, beer/beverages and dry ice, industrial chemicals and paints, pharmaceutical products, electrical products, ice cream and dairy products, bakeries, catering/vending, etc.</li> <li>2. Working temperature: -40-100°C</li> </ol>	

### RB501



RB601



### 材料技术参数 Material Technical Parameters

产品性能Performance	指标值Index Value	引用标准、规范Reference Standards
水蒸气透过率Water Vapor Transmission Rate	<0.02m <sup>2</sup> .h	ASTM E96
耐破强度Burst Strength	1366kPa	ISO 2759:2014
拉伸强度Tensile Strength	520-650N/50mm	ISO 2759:2014
环保/安全性Environmental Safety	REACH通过 REACH Passed	1907/2006号REACH法规 REACH Regulation No. 1907/2006
反射率Reflectivity	95-97%	ASTM E424
耐高温/低温性High/Low Temperature Resistance	80°C和-40°C,尺寸变化率<2% 80°C and -40°C, dimensional change rate <2%	EN 1604:2013

注：本产品根据不同市场需求，可参考不同市场标准进行测试定制

Note: This product can be tested and customized according to different market standards with reference to varying market demands.

## 笼车罩 Trolley Cover

铝箔气泡特点: 96%的反射率提供最佳保暖效果。防潮防结露, 光泽表面易清洁。单层气泡提供有效的隔热和抗破损性。导热系数 (ASTM-C518-21) 0.036 W/(m · K); 热阻(ASTM-C518-21) 0.092 (m<sup>2</sup> · K)/W。

Alu Bubble Features: 96% reflectivity provides optimum warmth. Free from moisture and control condensation. Gloss barrier moisture protection. Single bubble provides effective insulation and break resistance. Thermal Resistance 0.092 (m<sup>2</sup> · K)/W.

### 规格 SPECIFICATIONS

<b>用途Applications</b>	仓储笼车推车隔热、防水罩	Insulated & Waterproof cover for roll container	
<b>材料Material</b>	纯铝 / 镀铝+气泡+纯铝 / 镀铝	Alu/MPET + Bubble + Alu/MPET	
<b>尺寸Size</b>	长0.7*宽0.5*高1.5m L0.7*W0.5*H1.5m	长0.8*宽0.6*高1.6m L0.8*W0.6*H1.6m	可定制 Customizable
<b>款式Style</b>	五面或六面防护、魔术贴或拉链开口、有无A4透明窗 Five-sided or Six-sided, Velcro or Zipper opening, A4 Window yes or no		
<b>厚度Thickness</b>	3mm / 6mm		

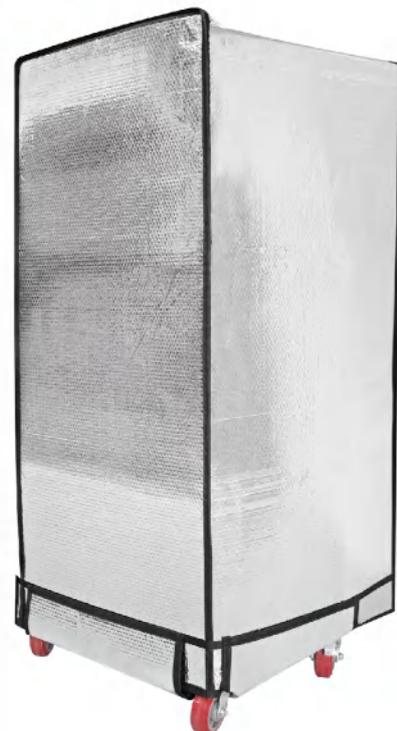
### 材料技术参数 Material Technical Parameters

保温测试 时长6H 内外平均温差41.5°C	Insulation Test	Duration 6H	Average temperature difference between inside and outside 41.5°C
导热系数 0.028 - 0.036 W/(m · K)	Thermal Conductivity	0.028 - 0.036 W/(m · K)	
环保/安全性 REACH通过	Environment Safety	REACH Passed	

TC501



TC601



# THERMAL COVERS & BLANKETS 隔热保温罩

**冰袋挂袋**  
Ice bag hanging bag  
保持低温, 承重8kg  
Keeping Cold, 8kg load-bearing



**魔术贴/拉链开口**  
Velcro/Zipper Opening  
轻松拆卸盖子  
Making cover remove easily



**紧固绑带**  
Fastening Straps  
防风、耐拉  
Windproof and stretch-resistant



**A4透明塑料窗**  
A4 transparent plastic window  
方便查看送货单  
Quick view delivery note



**底部层**  
Bottom Layer  
6面防护  
Six-sided protection

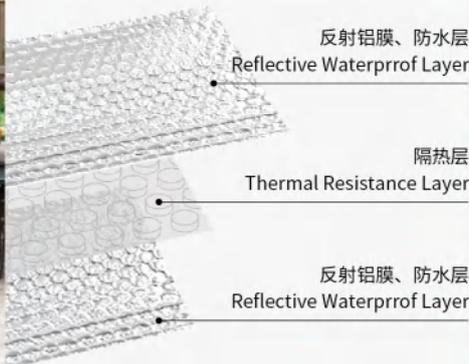


## 用于仓储笼车温度敏感货物隔热保温 Used for Roll Container of Temperature-Sensitive Goods



ASTM导热系数ASTM thermal conductivity  
0.028-0.036 W/(m · K)

**怎么隔热和防水?**  
How is it insulate and waterproof?



6小时保温测试 内外平均温差41.5°C  
6-hour thermal insulation test: average tem.  
difference between inside and outside is 41.5°C



ASTM透水率ASTM water permeability  
<0.02 m<sup>2</sup> · h

## 货架罩 Rack Cover

铝箔气泡特点: 96%的反射率提供最佳保暖效果。防潮防结露, 光泽表面易清洁。单层气泡提供有效的隔热和抗破损性。导热系数 (ASTM-C518-21) 0.036 W/(m · K); 热阻(ASTM-C518-21) 0.092 (m<sup>2</sup> · K)/W。

Alu Bubble Features: 96% reflectivity provides optimum warmth. Free from moisture and control condensation. Gloss barrier moisture protection. Single bubble provides effective insulation and break resistance. Thermal Resistance 0.092 (m<sup>2</sup> · K)/W.

### 规格 SPECIFICATIONS

用途Applications	仓储货架隔热、防水罩	Insulated & Waterproof cover for warehouse shelf	
材料Material	5面纯铝+透明或黑色气泡+ (纯铝)	5 Sides Alu+Bubble Clear or Black +(Alu)	
尺寸Size	长70*宽50*高150cm L70*W50*H150cm	长80*宽60*高160cm L80*W60*H160cm	可定制 Customizable
重量Weight	230 g/m <sup>2</sup>   300 g/m <sup>2</sup>		
厚度Thickness	3mm / 6mm		

### 材料技术参数 Material Technical Parameters

保温测试 时长6H 内外平均温差41.5°C	Insulation Test Duration 6H Average temperature difference between inside and outside 41.5°C
导热系数 0.028 - 0.036 W/(m · K)	Thermal Conductivity 0.028 - 0.036 W/(m · K)
环保/安全性 REACH通过	Environment Safety REACH Passed



## SGS 保温测试 SGS Thermal Insulation Test

以下测试数值仅供参考。保持的温度和时长根据产品储存环境和温度，可打样进行个人测试。

The test curve is for reference only and depends on the environment and product temperature. Samples can be taken for pallet cargo testing (sample price depends on size).

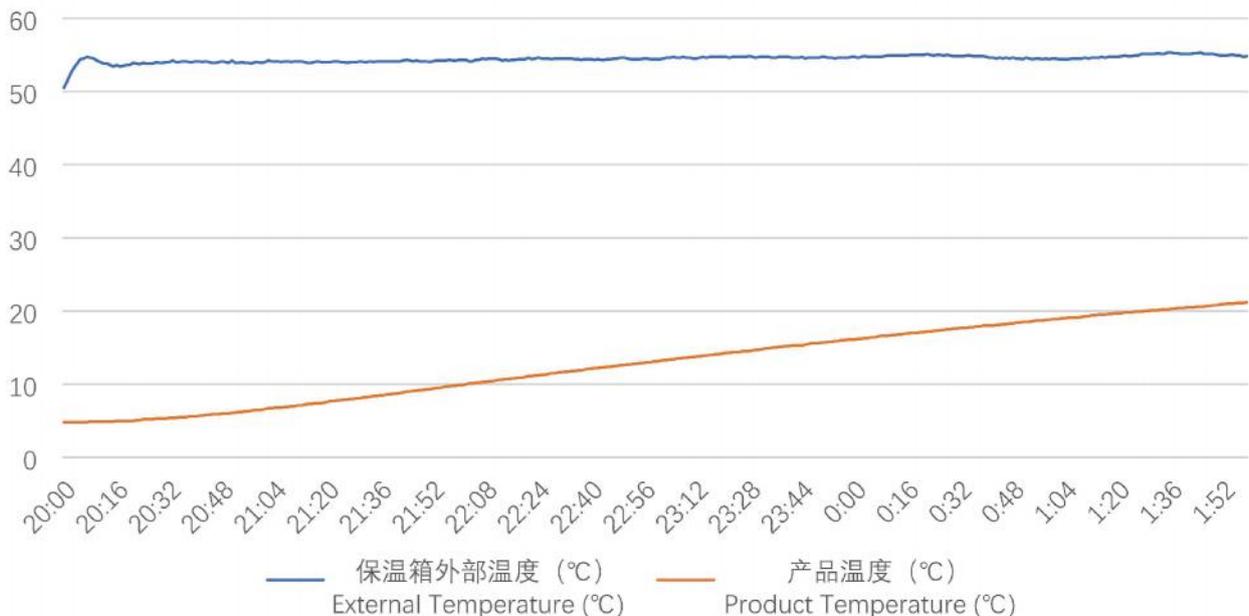
<b>试样尺寸Sample size</b>	1235mm(长)*1030mm(宽)*1910mm(高)	1235mm (L)*1030mm (w) *1910mm (H)
<b>测试方法Test Methods</b>	货物初始温度: 5°C; 测试要求温度: 50°C	Initial Temperature On Goods: 5 °C; Test Temperature: 50°C
<b>测试时间Test Duration</b>	6h	
<b>测试结果Test Result</b>	<p>测试前和测试后, 样品外观无异常                      测试时间内(6h)外部平均温度为:54.4°C; 测试时间内(6h)内部平均温度为:12.9°C                      内外部平均温差为:41.5°C; 内外最大温差为:49.9°C; 内外最小温差为:31.2°C                      货物温度变化区间:4.8°C~21.2°C</p> <p>Before and after testing, there were no abnormalities on the sample. The average external temperature during the testing period: 54.4°C. The average internal temperature during the testing period: 12.9 °C. The temperature difference between the inside and outside: 41.5 °C. The maximum temperature difference between the inside and outside is 49.9 °C. The minimum temperature difference between the inside and outside is 31.2 °C. Temperature range on goods:4.8 °C~21.2°C</p>	



测试中During Test



测试后After Test



## FP001医药托盘罩 FP Medicine Pallet Covers

特点: 厚而密的泡沫垫和高质量的纯铝膜表面: 完全封闭的魔术贴闭合, 允许重复使用: 提供100%的防潮和防紫外线保护, 确保药品运输超过72小时的温度维持。

Features: Thick and dense foam padding and high-quality pure aluminum film surface; fully enclosed with a magical adhesive closure, allowing for repeated use; providing 100% moisture and UV protection, ensuring temperature maintenance for pharmaceutical transportation for over 72 hours.

### 规格 SPECIFICATIONS

用途Applications	药品运输隔热、防潮罩	Insulated & Moisture proof cover for pharmaceutical transportation
材料Material	6面反射铝箔面	6 Sides Reflective Alu Foil Flat
厚度Thickness	3mm / 6mm	
重量Weight	400 g/m <sup>2</sup>	

### 材料技术参数 Material Technical Parameters

安全温度范围 <-1°C	Safety Temperature Range <-1°C
可重复使用且便携	Most Preferable in Pharmaceutical Industry
100% 防潮	100% Moisture-proof



## PE托盘袋 PE Pallet Covers

### 规格 SPECIFICATIONS

<b>材料Material</b>	PE聚乙烯			
<b>规格Specification</b>	长1.2*宽0.8*高0.8m L1.2*W0.8*H0.8m	长1.2*宽0.9*高1.2m L1.2*W0.9*H1.2m	长1.2*宽1.2*高1.2m L1.2*W1.2*H1.2m	可定制 Customizable
<b>厚度Thickness</b>	4-18丝	4-18 wires		
<b>工艺(款式) Craftsmanship (style)</b>	四方款/平口款	Square/Flat-end		
<b>用途Use</b>	防尘防潮收纳内膜包装袋/罩 Dust-proof and moisture-proof storage inner film packaging bag/cover			
<b>特点Features</b>	透明、无异味、韧性好、不易破袋、防潮防污 Transparent, no odor, good toughness, not easy to break the bag, moisture-proof and anti-fouling			
<b>承重Load Bearing</b>	40-50kg			
<b>适用场景Applications</b>	干货包装, 居家收纳, 设备防尘, 食品包装, 文教用品, 纸箱内膜 Dry goods packaging, home storage, equipment dustproof, food packaging, cultural and educational supplies, carton inner film			



## PVC托盘袋 PVC Pallet Covers

### 规格 SPECIFICATIONS

材料Material	PVC		
规格Specification	长1.2*宽1.2*高1.3/1.6m L1.2*W1.2*H1.3/1.6m	长1.2*宽1*高1.3/1.6m L1.2*W1*H1.3/1.6m	可定制 Customizable
厚度Thickness	0.8-1.5mm		
颜色Color	蓝、白、黑、灰、定制	Blue, white, black, gray, Customizable	
工艺(款式) Craftsmanship (style)	四方款	Four-square style	
用途Use	卡板盖布, 卡车盖布, 集装箱盖布, 运输盖布 Pallet cover, truck cover, container cover, transport cover		
特点Features	防水、防雨、防紫外线、防脏、防风、防潮、抗撕裂、防雪、防晒包装 Waterproof, rainproof, UV-proof, dirt-proof, windproof, moisture-proof, tear-proof, snow-proof, sun-proof packaging		
适用场景Applications	适用于货物及电子产品、家电等产品在运输、仓储、中转搬运等场景。 Suitable for transportation, warehousing, transit and handling of goods, electronic products, home appliances and other products.		





## 耐盐耐氯，色泽稳定性合格 Salt & Chlorine Resistant, Qualified Color Stability

拉伸强度 Tensile Strength	纵向12~15MPa、横向14~18MPa	longitudinal 12-15MPa, transverse 14-18MPa
梯形撕裂强度 Trapezoidal Tear Strength	340~390N	
脱层剥离强度 Delamination Peel Strength	125 (最大强度215)	125N (max 215N)
耐磨性能 Abrasion Resistance	300转	300 cycles
80°C热处理尺寸变化率 Dimensional Change Rate after 80°C heat treatment	≤0.1%	
不透水性 Water Impermeability	0.3MPa, 2h不透水	0.3MPa, 2h Non-permeable

## INSUL-CTN 3 集装箱内衬 INSUL-CTN 3 Container Liner

隔热特点: 为了消除短时间内温度的快速变化对产品质量的影响, 袋内外的温度波动差值可达到8-15°C。  
Heat insulation: To eliminate rapid changes in temperature within a short period of time affect the quality of the product, the temperature difference between the inside and outside of the container bag can be up to 8-15 °C.

### 规格 SPECIFICATIONS

尺寸Size	INSULPACK 20GP 40GP 40HQ 45HQ	
重量Weight	20GP 14±5 Kg/件; 40HQ 25± 5kg /件; 45HQ 27± 5kg /件 20GP 14±5 Kg/pc; 40HQ 25± 5kg /pc; 45HQ 27± 5kg /pc	
材料Material	多层材料结构, 铝箔+PE+编织+PE+铝箔 (135克/平方米) Multilayer Material, Alu + PE + Woven + PE + Alu(135gsm)	
特点Features	密封接缝, 魔术贴闭合, 气密	Sealed seams, Hook and loop fastener closure, Vapour-tight
售后服务After Sale Service	在线咨询, 免费零件支持	Online consultation, free parts support

### 性能 APPLICATIONS

集装箱运输、堆叠、托盘套、集装箱房	Container Shipping, Stack Overpack, Pallet Cover, Container House
2名工人可在15-20分钟内安装	2 workers can install it in 15-20 minutes

### 测试条件Test conditions:

持续时间: 48小时, 测试集装箱放置在户外, 阳光直射下, 温度34.8°C。  
Duration: 48 hours, test container placed outdoors in direct sunlight, temperature 34.8°C

INSUL CTN 3 温度波动 INSUL CTN 3 Container Liner	最低温度 Min Temp °C	最高温Max Temp °C	温差 Difference in Temp °C
内部Inside	24.22	42.33	18.11
外部Outside	23.46	71.35	47.89



集装箱内衬袋内外温差可达10-20°C。

The Temperature Difference Between The Inside And Outside Of The Container Liner Bag Can Be Up To 10-20 °C.

# THERMAL COVERS & BLANKETS 隔热保温罩

测试项目 (标准) Test Items (standard)	参数Parameter	单位Unit
拉伸强度Tensile Strength	垂直650, 水平520 Vertical650, Horizontal 520	N/50mm
水蒸气透过率Water Vapour Permeability(ASTM E96)	<0.02	g/(m <sup>2</sup> .h)
爆破强度Bursting Strength(ISO 2759:2014)	1366	kPa
反射率Reflectivity	95-97%	
达到REACH(1907/2006)	通过241 SVHC ≤0.1 PASS: 241 SVHC ≤0.1	

## 隔热 Heat insulation

消除短时间内温度的急剧变化影响产品品质,  
内衬袋内外温差波动降低8-15摄氏度  
Thermal insulation: Eliminate the  
impact of sharp temperature changes in  
a short period of time on product quality.  
The tem difference between the inside  
and outside of the liner can be  
reduced by 8-15°C



## 保温 Thermal insulation

在寒冷的冬季内衬袋内外温差  
波动降低10-15摄氏度  
Insulation: In cold winter,  
the temp difference between the inside  
and outside of the liner can be reduced  
by 10-15 °C



## 防潮 Moisture-proof

避免箱内吸潮,  
避免温度的剧烈变化产生冷凝水  
Avoid moisture absorption inside the box,  
to avoid drastic changes in  
temperature to produce condensation.



## 节能 Energy-saving

反射96%的热源,  
降低冷藏车运输途中降温的能源  
从而达到节能效果  
Reflect 96% of the heat source,  
reducing the energy used to cool down  
the refrigerated truck on the shipping,  
so as to achieve energy-saving effect

## 保温水箱罩 Insulated Water Tank Cover

特性: 保持水箱中的正常水温, 节省电费。保护水箱免受紫外线、温度波动和物理污染物的影响, 延长水箱的使用寿命。  
Features: Maintains normal water temp in the tank and saves on electricity costs. Protects the tank from UV rays, temp fluctuations and physical contaminants, extending the life of the tank.

### 规格 SPECIFICATIONS

尺寸Size	200L -3000L, 可定制	200L -3000L, Customized Available
OEM&ODM	接受OEM&ODM	OEM&ODM Accept
材料Material	复合保温隔热材	Composite Insulation Material
厚度Thickness	3-6mm	
认证Certified	CE (EN 13163) , ASTM (C518) , ROHS(201165/EU), REACH(1907/2006), ISO	
反射率Reflectivity	95-97%	
热阻Thermal Resistance(ASTM-C518-21)	0.092 (m <sup>2</sup> · K)/W	
导热系数Thermal Conductivity (ASTM-C518-21)	0.028 - 0.036 W/(m · K)	

CE、ASTM、ROHS、REACH、ISO **国际标准认证**

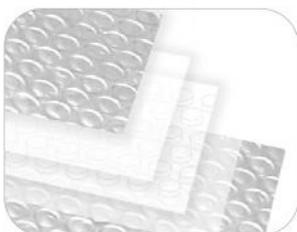
LANDY **3大实验室** 耐UV测试2000h

耐老化测试-20°C~60°C 24h

**CE、ASTM、ROHS、REACH、ISO**

3 LANDY Labs Tests: UV Resistance 2000h

Aging Resistance -20°C~60°C 24h



复合**保温**隔热材  
Composite **Insulation** Material



反射**97%**热辐射  
**97%** Reflectivity



耐破强度达**800kpa**以上  
**800kpa** Breaking Strength



热阻值达**0.092**  
**0.092** Thermal Resistance

# THERMAL COVERS & BLANKETS 隔热保温罩



WT 3



WT 2



WT3-S



WT 1



安全尼龙带配件 防强风  
Safety Nylon Belt Accessories  
Anti Wind



接缝严密 防杂质、防水藻  
Tight Seams Anti-Impurity,  
Waterproof Algae



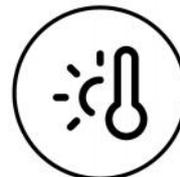
防水  
Waterproof



防风沙  
Windproof Sand



防风  
Windproof



耐高温  
High Temperature



易安装  
Quik Installation

5.6万平方米广州总部，阳江无尘车间和仓库  
56000m<sup>2</sup> DUST-FREE WORKSHOP & WAREHOUSE in GUANGZHOU and YANGJIANG



广州蓝尔迪Landy Guangzhou



阳江蓝尔迪Landy Yangjiang



无尘车间Dust-Free Workshop



45高柜仓库45 HQ Warehouse

采用进口机器的集成生产  
INTEGRATED PRODUCTION WITH IMPORTED MACHINES



设计  
Design



隔热材料生产  
Insulation Material Production



生产  
Production



运输  
Shipping



# HONOUR CERTIFICATES

## 荣誉证书

我们拥有自主运营品牌“LANDY”，  
产品已通过CE、AWTA、ASTM、SGS、REACH、ROHS等专业认证。

Landy has its own brand “LANDY” and  
its products have passed CE、AWTA、ASTM、SGS、REACH、ROHS and  
other professional certifications.



5.6万平方米广州总部，阳江无尘车间和仓库  
56000m<sup>2</sup> DUST-FREE WORKSHOP & WAREHOUSE in GUANGZHOU and YANGJIANG



空调罩  
Air Conditioning Cover



电池隔热罩  
Battery Thermal Cover



桶用隔热罩  
Thermal Insulation Cover For Drum



桶用隔热罩  
Thermal Insulating Cover For Drum



机器设备防水罩  
Waterproof Machine Cover



防水机器罩  
Waterproof Machine Cover



笼车罩  
Roll Container Cover

# THERMAL COVERS & BLANKETS 隔热保温罩



集装箱袋  
Shipping Container Liner



阁楼罩  
Attic Cover



SPA浴缸罩  
Hot Tube Thermal Cover



异形水箱罩  
Bucket Cover



保温水箱罩  
Insulated Water Tank Cover



太阳能加热灶  
Solar Cooker



货架罩  
Rack Cover



# INSUL-PACK

 [www.landy360.com](http://www.landy360.com) / [www.landyinsulpack.com](http://www.landyinsulpack.com)

 400-803-3839

 [landy@landy360.com](mailto:landy@landy360.com)