



专业 **PVB** 安全 INTERLAYER

Professional PVB film
manufacturer and supplier



浙江康来新材料有限公司
ZHEJIANG COLOR PVB CO., LTD.



Company Introduction

ZHEJIANG COLOR PVB CO.,LTD. is a professional color pvb film manufacturer in China with ISO9001:2000 certificated. The company located in the beautiful Buddhism holly land Tiantai County,Zhejiang province.The company now has employees more than 100,among them the technician is around 20%.Up to now the company total investment is 80 million Yuan, the annual capacity of PVB interlayer is 5000 tons. Company imports advanced technology and equipments,now owns two production lines,the company has already set up a completely series of quality control and testing system. Company develops continually, innovates continually.We are dedicated to providing our customers,the persistent operation philosophy of our company is legal management,honest and mutual benefit. Wholeheartedly provides the first-rate quality and service at the favorable price for customers.

公司简介

浙江康来新材料有限公司成立于 2014 年，是一家专业生产各种汽车级、建筑级、隔音、隔热、太阳能等各种 PVB 夹层玻璃中间膜的厂家，集产品研发、生产、销售于一体的综合企业，公司位于素有济公故里之称风景秀丽的佛教圣地天台山，属于中国经济最为活跃的长三角经济圈，交通极为便捷。公司目前拥有两条国内最先进的 PVB 生产线和完整的产品质量监控和检测系统，企业已通过 ISO9001-2000 质量管理体系认证，产品质量受到国内外客户的一致好评。公司一贯坚持品牌战略、以人为本、共同发展的经营理念，竭诚为广大客户提供优质、高效的产品和优良服务，科技创新是公司成功的秘诀，持续发展是公司永远的要求，我们愿以真诚的服务与您共同创造企业的美好未来。



产品种类 Our products

- 汽车安全玻璃中间膜 Automotive PVB film
- 建筑安全玻璃中间膜 Architectural PVB film
- 隔音安全玻璃中间膜 Sound Insulation PVB film
- 隔热安全玻璃中间膜 Heat Insulation PVBfilm
- 太阳能背膜 Solar Panel Backsheet PVB film

产品特性 Product Functions

- 安全特性 Safety
- 抗穿透性 Anti-Penetration
- 结构完整特性 Sturcture Integrity
- 隔热特性 Heat Resistant
- 隔音特性 Soundproof
- 防紫外线 Anti-UV

包装 Packing

成卷 PVB 中间膜层与层之间用 PE 膜隔离，用铝箔抽真空包装，放于木箱或纸箱内，出厂的合格产品应附有合格证、产品装箱单等。Every layer of PVB film rolls should be separated by PE film and vacuumed by Aluminum foil,and put into wooden cases.The finished qualified product should be enclosed with the conformity certification and packing list,ect.

运输 Transportation

运输过程不得经受日晒、雨淋和剧烈震动。Avoid exposing to the sun and rain and vigorous shaking during transportation.

贮存 Storage

产品应存放在环境清洁的仓库内，环境温度下贮存，严禁阳光直射在产品上，包装破损或被打开后，应贮存在 18℃-23℃，相对湿度 20%-25% 的环境中。The product should be stocked in a clean warehouse and normal temperature.It is prohibited to leave it under direct sunlight.Once the packing is broken or opened,it should be stocked under temperature of 18℃-23℃ and in a relative humidity of 20%-25%.

保质期 Shelf life

保持包装完好，在环境温度下，保质期二年。If well-packaged and storing in proper warehouse under the normal temperature ,the product has a quality guarantee of 2 years.















建筑中间膜 Architectural PVB film

产品规格	Product specification		
厚度 (毫米) Thickness(mm)	颜色 Color	宽度 (毫米) Width(mm)	长度 (米 / 卷) Length(m/roll)
0.38	透明片 / 彩色 Clear/Color	880/1220/2140/2440 2500/2700/3210	400
0.76	透明片 / 彩色 Clear/Color	880/1220/2140/2440 2500/2700/3210	200
1.14	透明片 Clear	880/1220/2140/2440 2500/2700/3210	150
1.52	透明片 Clear	880/1220/2140/2440 2500/2700/3210	100



颜色参数 Main Colors

Color	Reference	Code	Color	Reference	Code
Ocean blue		B-105	Green		GN-102
Light blue		B-103	Light Green		GN-107
Cold blue		B-110	Purple		RLA-4005
Rose		C-006	Yellow		Y-103
White transparent / opaque		M-101 M-104	Orange		Y-101
Grey		G-08	Brown		BN-04
Bronze		BR-10	Black		BN-03

特殊颜色可来样定做 Special colors can be made to samples



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技术参数 Technical Parameter

项目 Items	分类 Classification	0.38mm	0.76mm
1、外观要求 Appearance			
1.1 外观 Appearances		无色透明薄膜，表面平整，不存在划伤，折痕 Achromatic lucid film,with velvet Surface that has no scar or crease.	
1.2 点状杂物及气泡 Dotted waste sundries and air bubbles			
≤ 0.05m ²		允许分散存在 Allowed if exist separately	
>0.05m ²		每卷不超过 8 处 Not exceeding 8 places per film.	每卷不超过 5 处 Not exceeding 5 places per film.
		作出标记。每处加放 1 米 Making marks.Define an exetended 0.5 meter film per place.Add one extra meter per place.	
2、几何尺寸 Size			
2.1 厚度 (mm) Thickness (mm)		0.38 ± 0.015	0.76 ± 0.02
2.2 均匀度 Uniformity		25mm 距离内横向厚度偏差不得超过 15 μ m Horiaontal thickness warp shouldn' t exceed 15 μ m at a distance of 25mm. 50mm 距离内横向厚度偏差不得超过 20 μ m Horiaontal thickness warp shouldn' t exceed 20 μ m at a distance of 50mm.	
2.3 长度公差 (m) Length tolerance(m)		0-5	0-2
2.4 宽度公差 Width tolerance(m)		0-20	
3、水分含量 (%) Moisture content(%)		0.3-0.6	
4、拉伸强度 (MPa) Extending intension(MPa)		≥ 20.0	
5、断裂长率 (%) Rupture extendingrate(%)		≥ 200	
6、雾度 (%) 透明片 Fograge (%)Clear		< 0.4	
7、收缩率 (60℃ /15min) (%) Shrinking rate (60℃ /15min) (%)		≤ 8	

补充说明 Supplementary instruction:

不同用途的夹层玻璃所使用的中间膜的厚度不一样。要防范一般的外来物和偷窃，要使用至少两层 0.38 的胶片；而防弹玻璃至少要用三层 0.76 或六层 0.38 的胶片。

The different thickness of interlayer is used for different purpose laminated glass.

At least two layers of 0.38mm film should be used when the glass is used for preventing pileraage and foreign material.Three layers 0.76mm or six layers 0.38mm should be used when the glass is used for bulletproof.



汽车中间膜 Automotive PVB film



产品规格		Product specification		
厚度 (毫米) Thickness(mm)	颜色 color	宽度 (毫米) Width(mm)	彩带宽度 (毫米) Color band width(mm)	长度 (米 / 卷) Length(m/roll)
0.76	透明 Clear	550/850/950 1050/1350/1530 1750/1850/2000 2250/2700	/	200
0.76	F 绿, 灰, 棕, 冷蓝等 Green, Grey, Brown, Cold Blue, etc.	550/850/950 1050/1350/1530 1750/1850/2000 2250/2700	/	200
0.76	彩条 Color band	630	130	200
		680	140	200
		720	150	200
		760	150	200
		830	170	200
		900	180	200
		950	190	200
		1080	220	200
		1270	250	200
		1370	270	200
		1530	310	200
特殊规格可定做 Special models can be made to order				



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技术参数 Technical Parameter

项目 Items	分类 Classification	0.76mm
1、外观要求 Appearance		
1.1 外观 Appearance	无色透明薄膜，表面平整，不存在划伤，折痕 Achromatic lucid film,with velvet Surface that has no scar or crease.	
1.2 点状杂物及气泡 Dotted waste sundries and air bubbles		
$\leq 0.05m^2$	允许分散存在 Allowed if exist separately	
$>0.05m^2$	每卷不超过 5 处 Not exceeding 5 places per film. 作出标记。每处加放 1 米 Making marks.Define an exetended 0.5 meter film per place. Add one extra meter per place.	
2、几何尺寸 Size		
2.1 厚度 (mm) Thickness (mm)	0.76 ± 0.02	
2.2 均匀度 Uniformity	25mm 距离内横向厚度偏差不得超过 $15 \mu m$ Horiaontal thickness warp shouldn' t exceed $15 \mu m$ at a distance of 25mm. 50mm 距离内横向厚度偏差不得超过 $20 \mu m$ Horiaontal thickness warp shouldn' t exceed $20 \mu m$ at a distance of 50mm.	
2.3 长度公差 (m) Length tolerance(m)		0-2
2.4 宽度公差 Width tolerance(m)		0-20
3、水分含量 (%) Moisture content(%)		0.3-0.6
4、拉伸强度 (MPa) Extending intension(MPa)		≥ 20.0
5、断裂长率 (%) Rupture extendingrate(%)		≥ 200
6、雾度 (%) 透明片 Fograge (%)Clear		< 0.4
7、收缩率 (60℃ /15min) (%) Shrinking rate (60℃ /15min) (%)		≤ 8
8. 落球测试 Ball drop test (2260g)		4 m /pass





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