

Foshan LiTong FanPeng Co., LTD

Foshan LiTong FanPeng Co., LTD. engaged in the research, development and manufacture of kinds of tarpaulin products since 2015. We possess amount of advanced equipment, scientific management, first-class technology, continuous design and expert team of special products ,timely meet the demands of market.



Meantime, we are committed to improving our brand influence and going to exhibitions in different countries to promote our products and brands.



In order to produce higher quality products and shorten production time, we imported many new machines from abroad. For example, there are many advanced machines such as fully automatic CNC cutting machine, high frequency voltage machine, sewing machine, UV printing machine.



Make good tarpaulins and canvases, bring the best service for customer, try our best to satisfy every customer's request, which is our mission.

At the same time, "Customer first" is our purpose, we will try our best to give the best service for our customer, help their business getting better and better.





Sound barrier

Sound barrier sheet has the ability to insulate sound from its source. It cuts off the high level of noise associated with construction site, and thus allows construction work to be carried out at any time of the day without running the risk of disturbing the neighbourhood. Apart from its sound insulation property, it is fire retardant and highly durable. It can be easily installed with its well positioned eyelet.



Material:PVC coated tarpaulin
Thickness:0.9mm
Weight:1100gsm Soundproof
coefficient:18db



Material:0.9mm PVC coated tarpaulin +
900gsm soundproof cotton + 0.9mm PVC
coated tarpaulin
Thickness:25mm
Weight:4kg/m2
Soundproof coefficient:23db



Material:0.6mm PVC coated tarpaulin
Thickness:0.65mm
Weight:840gsm
Soundproof coefficient:25db



Material:0.45mm PVC coated tarpaulin +
500gsm soundproof cotton + fiberglass fire
retardant fabric
Thickness:12mm
Weight:1.5kg/m2
Soundproof coefficient:18db



Sakura Tang

Salesman

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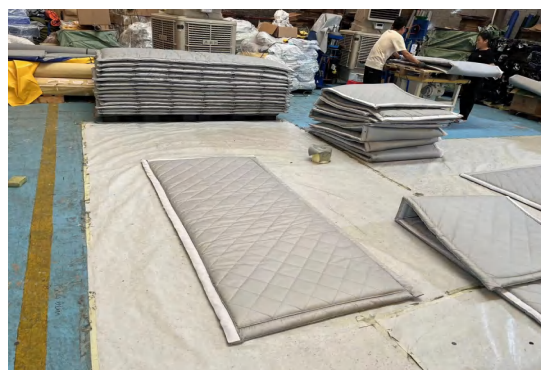
Material:0.45mm PVC coated tarpaulin+1mm MLV+ 500gsm soundproof cotton + fiberglass fire retardant fabric
Thickness:15mm
Weight:3.5kg/m²
Soundproof coefficient:22db



Material:0.45mm PVC coated tarpaulin+2mm MLV+ 500gsm soundproof cotton + fiberglass fire retardant fabric
Thickness:18mm
Weight:5.5kg/m²
Soundproof coefficient:25db



Material:0.45mm PVC coated tarpaulin+3mm MLV+ 500gsm soundproof cotton + fiberglass fire retardant fabric
Thickness:20mm
Weight:6.5kg/m²
Soundproof coefficient:28db



Material:fiberglass fire retardant fabric + 300gsm soundproof cotton+ 2mm MLV + 300gsm soundproof cotton + fiberglass fire retardant fabric
Thickness:50mm
Weight:5.5kg/m²
Soundproof coefficient:29db



Material:0.52mm PVC coated tarpaulin + 3mm MLV + 1800gsm soundproof cotton + 300gsm soundproof cotton + + fiberglass fire retardant fabric
Thickness:50mm
Weight:8.5kg/m²
Soundproof coefficient:35db



Material:0.6mm PVC coated tarpaulin + 3mm MLV + 1800gsm soundproof cotton + flame retardant PVC mesh
Thickness:50mm
Weight:7.7kg/m²
Soundproof coefficient:35db



Soundproof box for generator
Material:0.45mm PVC coated tarpaulin+3mm MLV+ 500gsm soundproof cotton + fiberglass fire retardant fabric
Thickness:20mm
Weight:6.5kg/m²
Soundproof coefficient:28db



Soundproof curtain for window and door
Material:0.45mm PVC coated tarpaulin+3mm MLV+ 500gsm soundproof cotton + fiberglass fire retardant fabric
Thickness:20mm
Weight:6.5kg/m²
Soundproof coefficient:28db



Application:



Home using



Construction works



Noisy Plant & Machinery



Workshop

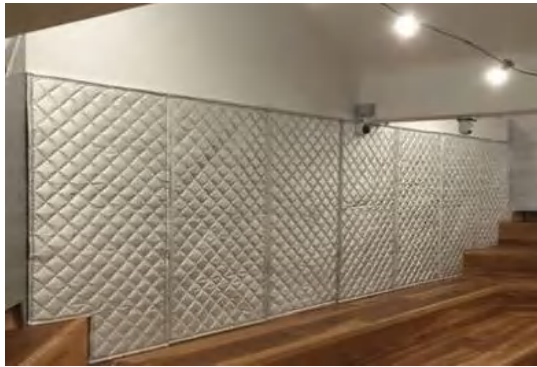


Building Refurbs



Road Traffic Noise





Leisure facilities



Generator noise control

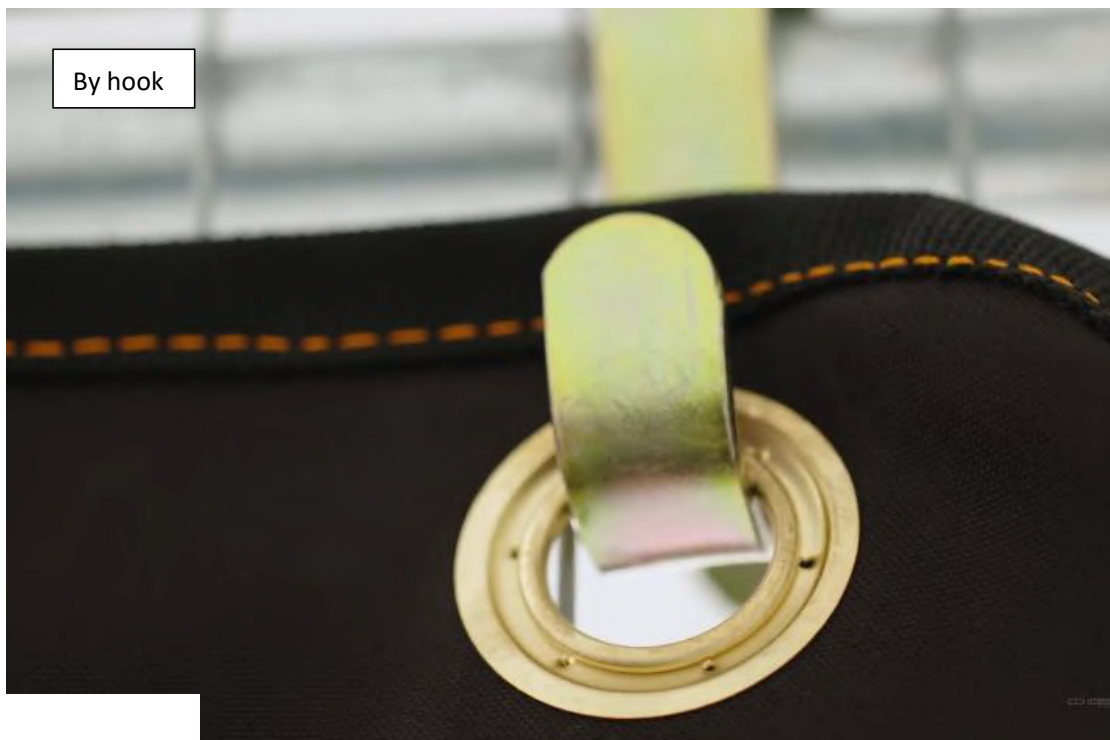


Sports & pitches



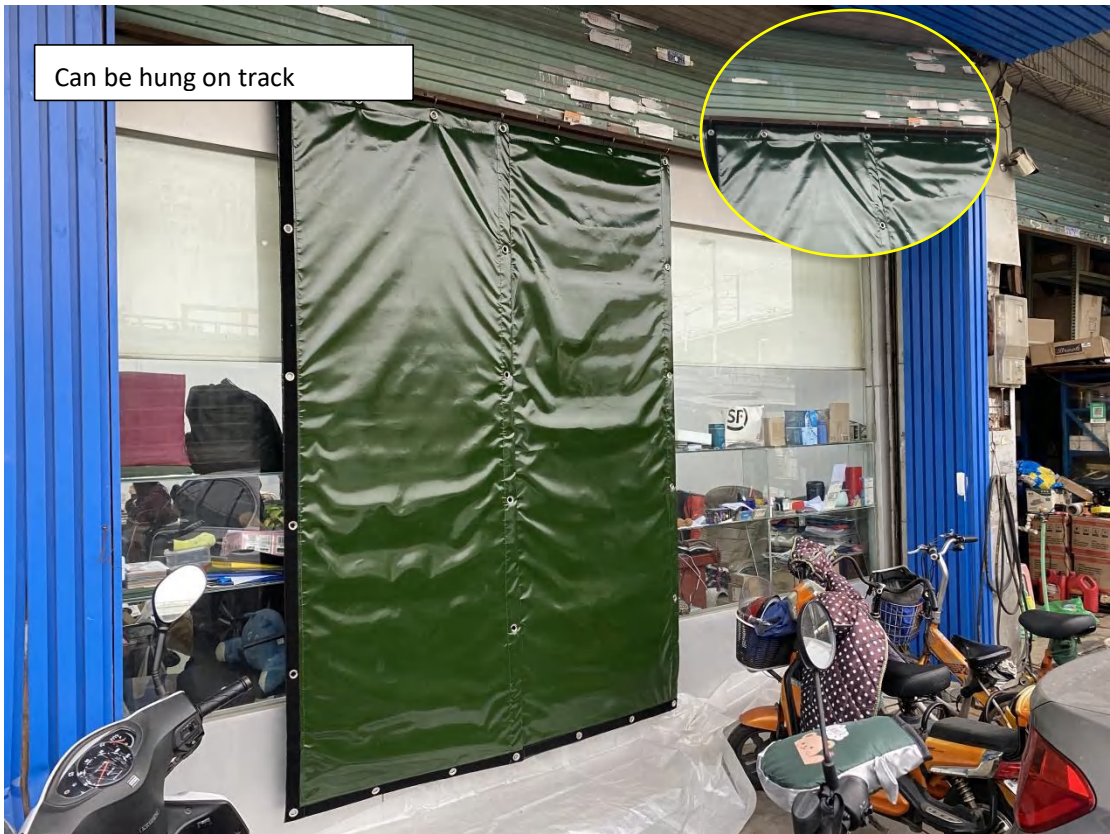
Parking lot

How to install the sound barrier?





By rope



Can be hung on track

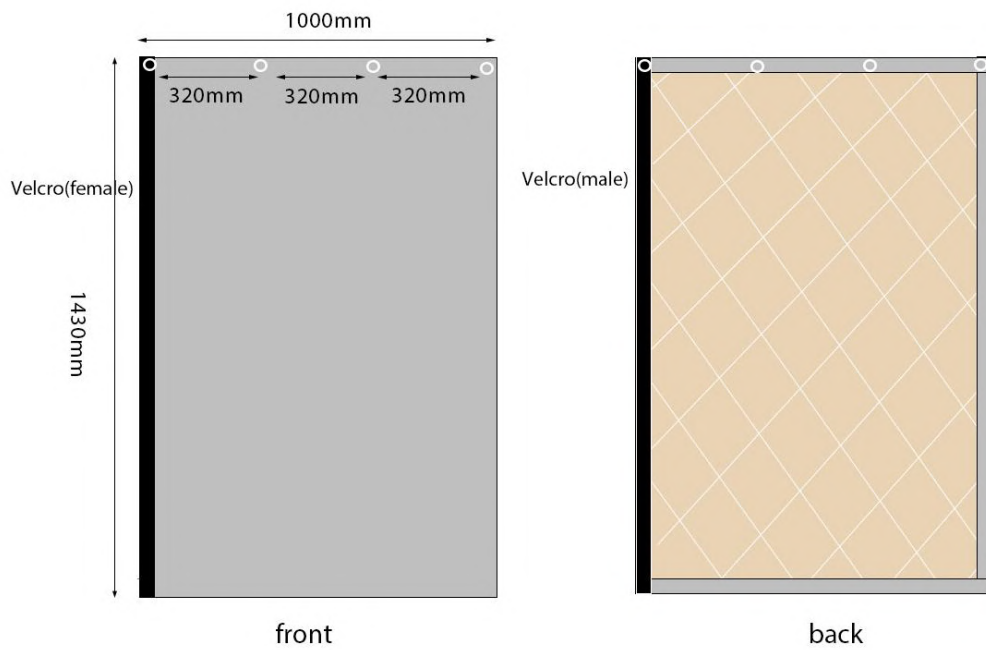


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How to expand length?





TEST REPORT

No. : GZPL221101124701SC

Date : Nov 29, 2022

Page: 3 of 4

Test Item: Sound Absorption Coefficient

I. Test Method

ASTM C423-22 Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method

II. Sample Details

Dimensions	2000mm×1000mm×10mm
Surface Density	About 3.64kg/m ²

III. Test Condition

Ambient Temperature	19.2℃	Relative Humidity	78.8%RH
Volume Reverberation Room	260m ³	Test Area	8.00m ² (4.00m×2.00m)
Description of Test Arrangement	The installation of specimen refers to type A mounting. After splicing, the specimen is placed directly in the reverberation room.		

IV. Test Result

Average Absorption Coefficient $\bar{\alpha}_s$ (100Hz~5000Hz): 0.26

Average Absorption Coefficient SAA (200Hz~2500Hz): 0.34

Noise Reduction Coefficient: NRC=0.35

Note: NRC is the arithmetic average of absorption coefficient contained four octave frequency bands (250, 500, 1000, 2000 Hz).



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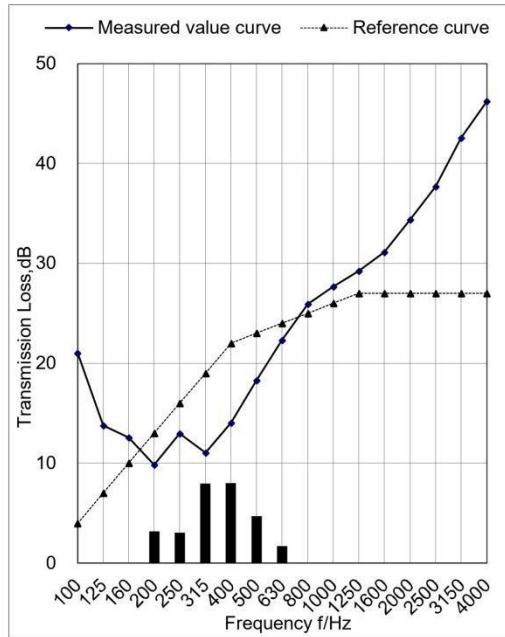


TEST REPORT

No. : GZPL221101124702SC
 Date : Nov 29, 2022
 Page: 4 of 4

IV. Test Result

Frequency f, Hz	Transmission Loss, dB
100	21.0
125	13.8
160	12.5
200	9.8
250	13.0
315	11.0
400	14.0
500	18.3
630	22.3
800	25.9
1000	27.7
1250	29.2
1600	31.1
2000	34.3
2500	37.7
3150	42.6
4000	46.2



V. Sound Transmission Class

Rating according to ASTM E413-22:

Sound Transmission Class: STC =23dB

Note: The declaration of conformity is only based on the actual value of laboratory activity, measurement uncertainty of the results not take into account.

Appendix information: The above test was carried out by SGS-CSTC Standards Technical Service (Changzhou)Co., Ltd. laboratory.

***** End of report*****



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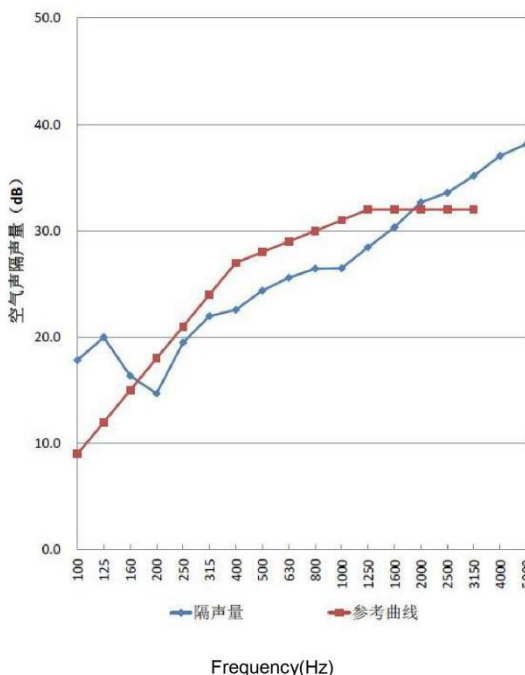
TEST REPORT

No. : GZIN2001000014SC

Date : Jan 20, 2020

Page: 3 of 4

IV. Test Results

Specifications	PVC SOUND BARRIER, with an area of 6.2m ² , is installed in the opening of sound insulation laboratory and is sealed with 500mm thick composite sound insulation wall around it. (Composite wall sound insulation Rw = 65dB).	
Test project	Airborne Sound Insulation	
Test results		
f (Hz)	R (dB)	<p style="text-align: center;">Frequency Characteristic Curve of Air Acoustic Insulation</p> 
100	17.8	
125	20	
160	16.4	
200	14.7	
250	19.5	
315	22	
400	22.6	
500	24.4	
630	25.6	
800	26.4	
1000	26.5	
1250	28.5	
1600	30.3	
2000	32.7	
2500	33.6	
3150	35.2	
4000	37.1	
5000	38.2	
Rw(C;Ctr)	28 (-1;-4)	



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TEST REPORT

No. : GZIN2307002301PL01_EN

Date : 2023-08-04

Page: 3 of 6

1. Test Item: Sound Absorption Coefficient

I. Test Method

ASTM C423-23 Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method

II. Sample Details

Dimensions	3580mm × 2150mm × 0.50mm
Surface Density	About 0.61kg/m ²

III. Test Condition

Ambient Temperature	27.0°C	Relative Humidity	88.4%RH
Volume Reverberation Room	260m ³	Test Area	11.28m ² (3.58m×3.15m)
Description of Test Arrangement	The installation of specimen refers to type A mounting. After splicing, the test specimen is directly laid on the ground in the reverberation room, with the front facing the noise.		

IV. Test Result

Average Absorption Coefficient $\bar{\alpha}$ (100Hz~5000Hz): 0.05

Average Absorption Coefficient SAA (200Hz~2500Hz): 0.04

Noise Reduction Coefficient: NRC=0.05

Note: NRC is the arithmetic average of absorption coefficient contained four octave frequency bands (250, 500, 1000, 2000 Hz).



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TEST REPORT

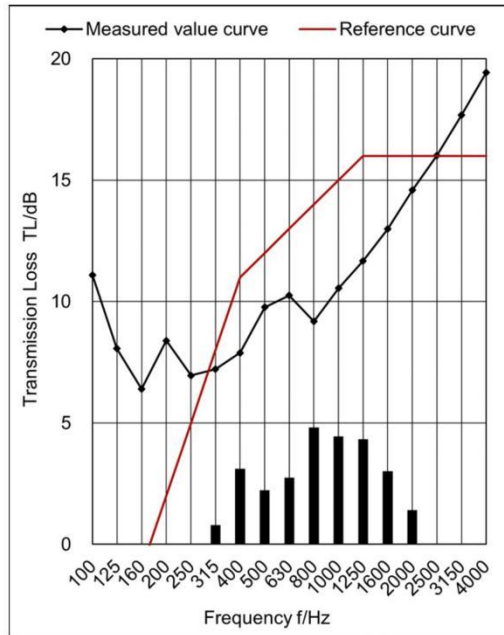
No. : GZIN2307002301PL01_EN

Date : 2023-08-04

Page: 6 of 6

IV. Test Result

Frequency f, Hz	Transmission Loss, dB
100	11.1
125	8.1
160	6.4
200	8.4
250	7.0
315	7.2
400	7.9
500	9.8
630	10.3
800	9.2
1000	10.6
1250	11.7
1600	13.0
2000	14.6
2500	16.0
3150	17.7
4000	19.4



V. Sound Transmission Class

Rating according to ASTM E413-22:

Sound Transmission Class: STC = 12

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*****End of report*****



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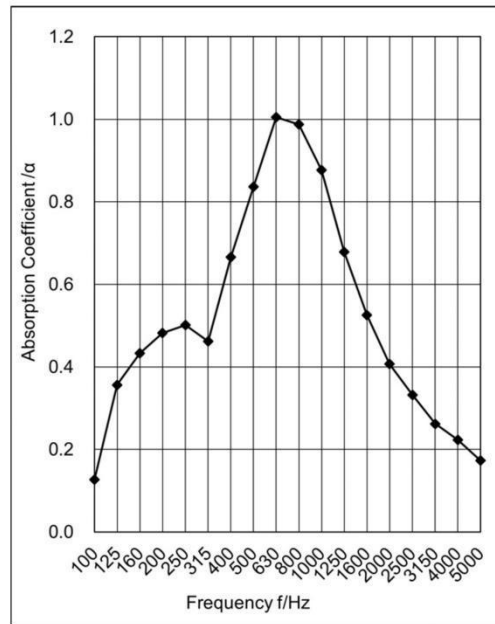
TEST REPORT

No. : GZIN2310003296PL01_EN

Date : 2023-10-31

Page: 4 of 5

Frequency f/Hz	Absorption Coefficient, α
100	0.13
125	0.36
160	0.43
200	0.48
250	0.50
315	0.46
400	0.67
500	0.84
630	1.00
800	0.99
1000	0.88
1250	0.68
1600	0.53
2000	0.41
2500	0.33
3150	0.26
4000	0.22
5000	0.17
$\bar{\alpha}$	0.52
SAA	0.65
NRC	0.65



Note: This declaration of conformity is only based on the result of this laboratory activity, the impact of the uncertainty of the results was not included.



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TEST REPORT

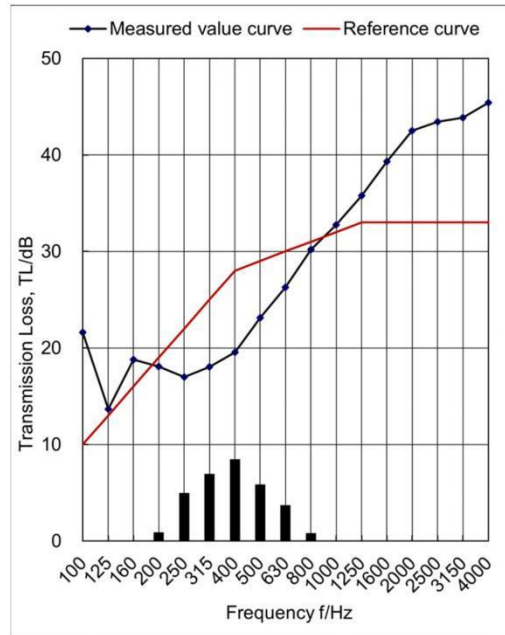
No. : GZIN2310003296PL02_EN

Date : 2023-10-31

Page: 4 of 5

IV. Test Result

Frequency f/Hz	Transmission Loss, dB
100	21.6
125	13.7
160	18.8
200	18.1
250	17.0
315	18.0
400	19.5
500	23.1
630	26.3
800	30.2
1000	32.8
1250	35.8
1600	39.3
2000	42.5
2500	43.4
3150	43.9
4000	45.4



V. Sound Transmission Class

Rating according to ASTM E413-22:

Sound Transmission Class: STC = 29

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佛山市利通帆蓬有限公司

FOSHAN LTTONG FANPENG CO., LTD

物理性能检测报告单

PHYSICAL PROPERTIES TEST REPORT

Customer name 客户名称	利通	Thickness/width 厚度 / 宽度	0.45mm*2.10 1m	Color 颜色	C11442	Embossin 压纹	B6
Order number 订单号码	P200103-47	Quantity 数量	10000M	Hardness and Characteristics 软硬度及特性		65	
Fabric detail 网布规格	840D*18*18						
Item 项目名称	Test Method 执行标准	Unit 单位	value 数据				
Thickness 厚度	DIN53353	mm	0.45				
Total Weight 总重量	DIN 53352	g/m2	553				
Tensile strength 拉伸强度	ISO1421	N/5cm	经 Warp	2275.6			
			纬 Weft	1913.2			
Elongation at break 断裂伸长率	ISO1421	%	经 Warp	17.4			
			纬 Weft	20.2			
Tear strength 撕裂强度	DIN 53363	N	经 Warp	366.5			
			纬 Weft	253.5			
Adhesion of coating strength 剥离负荷	DIN 53357	N/5cm	经 Warp	79.5			
			纬 Weft	82.1			
Remark 备注							

Inspected by:



Tested by:

试验员：陈振强

Issued date 出具日期:2020/05/09



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TEST REPORT

No. : GZIN1911062539PS

Date : Dec 02, 2019

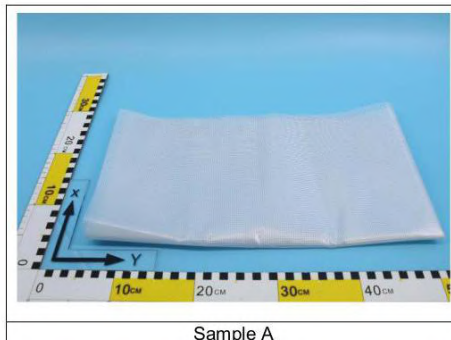
Page: 2 of 3

Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Low Temperature Resistance Test	Provided by client	No visual cracking	/

Note: Pass : Meet the requirements;
 Fail : Does not meet the requirements;
 / : Not Apply to the judgment.

Original Sample Photo:




TEST REPORT

Test Report No. 87.405.23.16462.01

Dated 2023-05-17



Description of The Test Subject

Sample	Description	Photo
A	PVC tarpaulin in yellow	

TEST RESULTS

- 1 **Surface Resistivity of Fabric**
 EN 1149-1:2006
 Atmosphere for conditioning and testing: (23±1)°C, (25±5%) RH;
 Number of test specimens: 5

Specimen	A Surface Resistivity(Ω)
1#	5.84x10 ¹¹
2#	5.72x10 ¹¹
3#	5.66x10 ¹¹
4#	6.39x10 ¹¹
5#	5.90x10 ¹¹
Geometric Mean	5.90x10 ¹¹

-End of The Test Report-



TEST REPORT

No. : GZIN2012068355PS

Date : Dec 11, 2020

Page: 3 of 4

Test Item: Light Ageing Test-UV Exposure

Sample Description: Sheet

Test Method: ASTM G154-16 Cycle 1 & ISO 105-A02:1993/Cor.2:2005

Test Condition:

Exposure cycle:

ASTM G154-16 Cycle 1

Lamp type: UVA-340

8h UV at (60±3)°C BPT, 0.89W/(m²·nm)@340nm

4h condensation at (50±3)°C BPT

Exposure duration: 168h

Test Result:

Test Item	Grey scale
Light Ageing Test-UV Exposure	4-5

Note: According to ISO 105-A02:1993/Cor.2:2005, the grey scale was determined under the D65 standard light, with scale 5 as the best and scale 1 as the worst.



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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Vertical Burning	UL 94-2013 Rev.12-2021 Section 11	VTM-0	/

Note: Pass : Meet the requirements;
Fail : Does not meet the requirements;
/ : Not Apply to the judgment.

Original Sample Photo:

