

Silver Scrubs Accessories

	Size	Material	Logo	Accessroy	Details	Fit for	Function
	W*H=11.2*20.7CM	Double layer shielding fabric Outer:Steel fiber fabric Inner:100%silver fiber fabric	Silk Printing	with a drawstring closure	Overlock bottom sewing make sure every details accomplish with exquisite workmanship	Provides a secure fit for popular models like iPhone 15 Pro Max and Samsung Galaxy S25 Series	shielding effectiveness about 65DB . Shielding the radiation from your phone,isolates your phone from surounding electromagnetic noise, reducing incoming/outgoing signals, including WiFi ,RFID, Bluetooth, Cell Signals, GPS, and radio signals
	75*75cm with hoodie hat	Outside: 2 layer 100% Refined cotton Inner:50%silver fiber/50%polyester more durable for wash	Embroidery		With emf fabric in hoodie area		shielding effectiveness about 45DB
	56-62cm circumference	Outside:100% Twill cotton Inner:100%silver fiber fabric	Embroidery	Adjustable Plastic back closure	With EMF fabric in brim area ,more protection of brain	56-62cm head circumference	shielding effectiveness about 65DB . Shielding the radiation from your phone,isolates your phone from surounding electromagnetic noise, reducing incoming/outgoing signals, including WiFi ,RFID, Bluetooth, Cell Signals, GPS, and radio signals
	W*H=25.5*23cm	Outside:95%cotton5%spandex Inner:100%silver fiber fabric	Woven label logo			56-62cm circumference	shielding effectiveness about 65DB . Shielding the radiation from your phone,isolates your phone from surounding electromagnetic noise, reducing incoming/outgoing signals, including WiFi ,RFID, Bluetooth, Cell Signals, GPS, and radio signals



Silver Scrubs

**Shielding Effectiveness
40DB**



Silver Scrubs

Shielding Effectiveness 40DB



上海市计量测试技术研究院
SHANGHAI INSTITUTE OF MEASUREMENT AND TESTING TECHNOLOGY
华东国家计量测试中心
NATIONAL CENTER OF MEASUREMENT AND TESTING FOR EAST CHINA
中国上海测试中心
NATIONAL CENTER OF TESTING TECHNOLOGY, SHANGHAI

检测报告

Test Report

委托者: 绍兴邦纺织科技有限公司
Customer: SHAOXING UNIONHEALTH TEXTILE TECHNOLOGY CO., LTD.
联络信息: 浙江省绍兴市柯桥区创意路99号创意西区3058幢6楼
Contact information: Floor, Built 3058 Chuangyi Rd. 99 Chuangyi Road Keqiao District, Shaoxing City, Zhejiang Province
样品名称: 莫代尔银3D弹力针织布
Name of sample: Modal Silver Fiber 3D Stretch Knit Fabric
制造: [Redacted]
Manufacturer: [Redacted]
型号/规格: SILVER176#B
Model/Specification: SILVER176#B
样品编号: SILVER176#B
No. of sample: SILVER176#B

批准人/职务: 朱建刚 朱建刚 室副主任
Approved by / Functions: [Signature]
检测员: 左建生 左建生
Checked by: [Signature]
检测员: 吴壮 吴壮
Tested by: [Signature]

发布日期: 2024 年 10 月 16 日
Issue date: 2024 Year Month Day

地址: 上海市张衡路1500号(总部) 电话: 021-38839800 传真: 021-50798390 邮编: 201203
Address: No. 1500 Zhangheng Road (Headquarters) Tel: 021-38839800 Fax: 021-50798390 Postcode: 201203

客户咨询电话: 800-820-5172 投诉电话: 021-50798262
Hotline: 800-820-5172 Complaints line: 021-50798262

未经本院/中心批准, 部分采用本证书内容无效。
Partly using this report will not be admitted unless allowed by SIMT.

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国家法定计量检定机构计量授权证书号(中心/院):(国)法计(2022)01039号/(2022)01019号
The number of the Certificate of Metrological Authorization to The Legal Metrological Verification Institution is No.: (2022) 01039 No.: (2022) 01019

本次检测所依据的技术规范(代号、名称):
Reference documents for the test (code, name):

GB/T 30142-2013《平面型电磁屏蔽材料屏蔽效能测量方法》

GB/T 30142-2013 (Measuring methods for shielding effectiveness of planar electromagnetic shielding materials)

本次检测所使用的主要测量仪器:
Main measurement instruments used in this test:

名称 Name	编号 Number	测量范围 Measurement range
频谱分析仪 Spectrum Analyzer	MY46180198	频率:3Hz~42.98GHz,电平:(-130~+30)dBm Frequency: 3Hz~42.98GHz, Level: (-130dBm~+30dBm)
信号发生器 Signal generator	MY46390010	频率:250kHz~40GHz,功率电平:(-135~15)dBm Frequency:250kHz~40GHz, Power:(-135~15)dBm
/	/	/
/	/	/

其他检测信息:
Test information

地点: 张衡路1500号电学楼206室
Location: 206 Room, Electrical Building, No. 1500 Zhangheng Road
温度: 22℃ 湿度: 60%RH 其他: /
Ambient temperature: 22℃ Humidity: 60%RH Others: /
受样方式: 客户送样 样品状态描述: 正常
Way for receipt: Customer delivery Status of sample: Normal
受样日期: 2024年10月10日 检测日期: 2024年10月16日
Received date: 2024.10.10 Date for test: 2024.10.16

备注: /
Note:

本报告提供的结果仅对本次检测的样品有效。
The data are valid only for the samples.

检测报告仅供专用
Test report is for special use only

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Page 2 of 3 pages



检测结果/说明:
Results of test and additional evaluation:

屏蔽效能检测结果:
Results of shielding effectiveness test

一、屏蔽效能检测结果:
Results of shielding effectiveness test

条款号 Regulation Number	频率(MHz) Frequency(MHz)	屏蔽效能(dB) SE(dB)
4	30	54.5
	100	55.0
	300	57.9
	915	58.5
	1500	55.1
	2450	50.3
	3000	50.3
	5000	45.3
	8000	43.3
	10000	41.0
	12000	39.7
15000	38.2	
18000	37.8	

二、测试样品
Test sample



检测结果内容结束
END



Silver fabric for Blankets



Report No. A2210013679101001

Company Name
shown on Report
Address



The following sample(s) and sample information was/were submitted and identified by/on the behalf of the applicant

Sample Name	Silver Fiber Fabric
Material	Silver Fiber
Sample Received Date	Jan. 12, 2021
Testing Period	Jan. 12, 2021 to Jan. 19, 2021

Test Requested As specified by client, to test Silver(Ag) in the submitted sample(s).

Test Method Please refer to the following page(s).

Test Result(s) Please refer to the following page(s).



Wang Long

Chen Kaimin

Chen kaimin
Lab Manager

Centre Testing International Pimiao(Shanghai) Co., Ltd.

Reviewed by Wang Long

Date Jan. 19, 2021

No. R477069295

No.1351, Wanfang Road, Minhang District, Shanghai, China



检测结果/说明 (续页):

Results of test and additional explanation (continued page):

检测装置示意图:

Detector set schematic drawing



屏蔽效能 $SE_{dB} = P_1 - P_2$, $SE_{\%} = (1 - 10^{-SE_{dB}/10}) \times 100\%$

Shielding Effectiveness

SE_{dB} ——屏蔽效能的对数表示方式: (dB)

Shielding Effectiveness of logarithmic representation

$SE_{\%}$ ——屏蔽效能的线性表示方式: (%)

Shielding Effectiveness of a linear representation

P_1 ——测试夹具中不放置屏蔽材料时频谱分析仪读数: (dBm)

spectrum analyzer readings when shielding material is not placed on Test fixture

P_2 ——测试夹具中放置屏蔽材料时频谱分析仪读数: (dBm)

spectrum analyzer readings when shielding material is placed on Test fixture

屏蔽效能检测结果:

Results of Shielding Effectiveness test

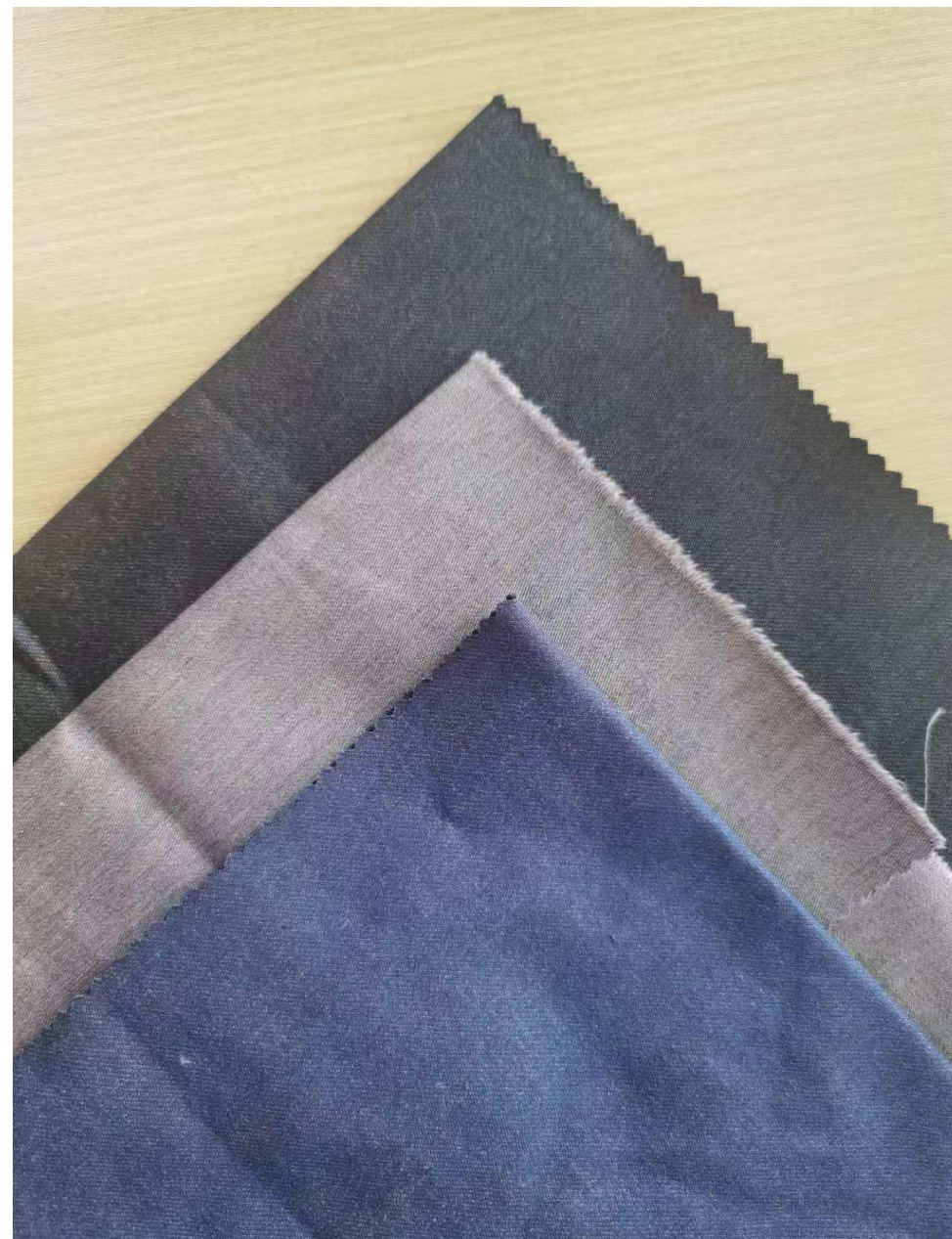
频率(MHz)	P_1 (dBm)	P_2 (dBm)	SE_{dB} (dB)	$SE_{\%}$ (%)
300	0.0	-65.3	65.3	99.999970
1000	0.0	-67.8	67.8	99.999983
2000	0.0	-68.3	68.3	99.999985
3000	-0.1	-69.0	68.9	99.999987
5000	-0.3	-69.3	69.0	99.999987
10000	-0.5	-63.8	63.3	99.999953
12000	-0.8	-62.5	61.7	99.999932
15000	-1.5	-62.8	61.3	99.999926
18000	-2.6	-63.8	61.2	99.999924
20000	-3.3	-64.0	60.7	99.999915

检测结果内容结束

END.



Cell Phone Pouches





检测结果/说明:
Results of test and additional explanation

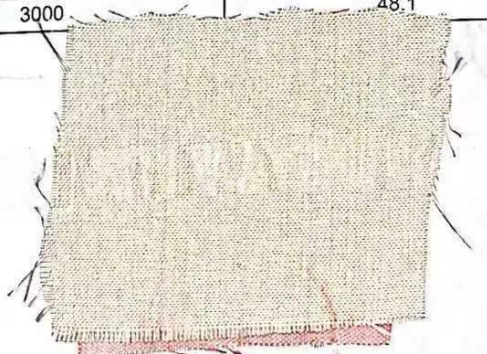
一、其它信息
Other information

委托日期 Date for receipt	2019-2-19	样品状态描述 Status of sample	正常 Good	受样方式 Way for receipt	客户送样 Sent by customer
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二、屏蔽效能检测结果:
Results of shielding effectiveness test

频率(MHz) Frequency(MHz)	屏蔽效能(dB) SE(dB)
30	53.4
100	52.7
300	52.0
915	50.7
1500	50.0
1800	50.0
2450	49.1
3000	48.1

三、测试样品
Test sample



检测结果内容结束
End
检测专用章
(2)



Fabric used for beanies

Fabric used inside HATS

检测结果/说明:
Results of test and additional explanation

一、其它信息

Other information

委托日期 Date for receipt	2019-2-19	样品状态描述 Status of sample	正常 Good	受样方式 Way for receipt	客户送样 Sent by customer
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二、屏蔽效能检测结果:

Results of shielding effectiveness test


频率(MHz) Frequency(MHz)	屏蔽效能(dB) SE(dB)
30	20.8
100	26.3
300	32.8
915	38.9
1500	39.5
1800	40.0
2450	42.0
3000	45.6

三、测试样品

Test sample



检测结果内容结束
End (2)


 SHANGHAI INSTITUTE OF MEASUREMENT AND TESTING TECHNOLOGY
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 NATIONAL CENTER OF TESTING TECHNOLOGY, SHANGHAI

国家法定计量检定机构授权证书(中心/院): (国)法计(2007)01039号/(2007)01019号
 The number of the Certificate of Metrological Authorization to The Legal Metrological Verification Institution is No. (2007) 01039 / No. (2007) 01019
 中国合格评定国家认可委员会实验室认可证书号: No. CNAS L0134
 The number of the certificate accredited by CNAS is No. L0134
 中国国家认证认可监督管理委员会资质认定计量认证证书(CMA)号: 2009000597E
 The number of the metrology accreditation certificate by CNCA is No. 2009000597E

本次检测所依据的技术规范(代号、名称):
 Reference documents for the test (code, name):
 SJ20524-1995 材料屏蔽效能的测量方法
 Measuring methods for shielding effectiveness effectiveness of materials

本次检测所使用的主要测量仪器:
 Main measuring instruments used in this test

名称/型号 Name/Model	编号 Number	证书编号/有效期至 Certificate No./Valid date	测量范围/准确度等级或最大允差或不确定度 Measurement range/accuracy class or maximum permissible error or uncertainty of measurement
信号发生器/E8257D Signal generator	MY46390010	2010F33-10-000032 /2011.07.04	f:250kHz~40GHz, P: (-135~-25)dBm /±1dB
频谱分析仪/E4447A Spectrum analyzer	US38245106	2010F33-10-000023 /2011.06.23	f:3Hz~42.98GHz, P:< 30dBm /±1dB

检测地点及环境条件:
 Location and environmental condition for the test
 地点: 上海市浦东新区张衡路 1500 号电子电气所
 Location: No. 1500 Zhangheng Road, Pudong, Shanghai Electronic and Electrical Institute
 温度: 20 °C; 湿度: 50 %RH; 其它:
 Ambient temperature: 20 °C; Relative humidity: 50 %RH; Others:

检测结果/说明:
 Results of test and additional explanation
 检测结果见续页。
 Results of test in the continued page.
 附被检测样品(取样品中间位置检测):
 Sample under test(test the middle site of the Sample):

本报告提供的结果仅对本次检测的样品有效。
 The data are valid only for the sample(s).

检测结果续页专用
 Continued page of test report

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 NATIONAL CENTER OF TESTING TECHNOLOGY, SHANGHAI

检测结果/说明(续页):
 Results of test and additional explanation (continued page)

检测装置示意图:
 Detector set schematic drawing

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    graph LR
      A[信号发生器  
Signal generator] --> B[测试夹具  
(内放置样品)  
Test fixture  
(Sample placed)]
      B --> C[频谱分析仪  
Spectrum analyzer]
  
```

屏蔽效能 $SE_{dB} = P_1 - P_2$, $SE_{\%} = (1 - 10^{-SE_{dB}/10}) \times 100\%$

Shielding Effectiveness
 SE_{dB} ——屏蔽效能的对数表示方式: (dB)
 Shielding Effectiveness of logarithmic representation
 $SE_{\%}$ ——屏蔽效能的线性表示方式: (%)
 Shielding Effectiveness of a linear representation

P_1 ——测试夹具中不放置屏蔽材料时频谱分析仪读数: (dBm)
 spectrum analyzer readings when shielding material is not placed on Test fixture
 P_2 ——测试夹具中放置屏蔽材料时频谱分析仪读数: (dBm)
 spectrum analyzer readings when shielding material is placed on Test fixture

屏蔽效能检测结果:
 Results of Shielding Effectiveness test

频率(MHz)	P_1 (dBm)	P_2 (dBm)	SE_{dB} (dB)	$SE_{\%}$ (%)
300	0.0	-65.3	65.3	99.999970
1000	0.0	-67.8	67.8	99.999983
2000	0.0	-68.3	68.3	99.999985
3000	-0.1	-69.0	68.9	99.999987
5000	-0.3	-69.3	69.0	99.999987
10000	-0.5	-63.8	63.3	99.999953
12000	-0.8	-62.5	61.7	99.999932
15000	-1.5	-62.8	61.3	99.999926
18000	-2.6	-63.8	61.2	99.999924
20000	-3.3	-64.0	60.7	99.999915

检测结果内容结束
 END.

检测报告续页专用
 Continued page of test report

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