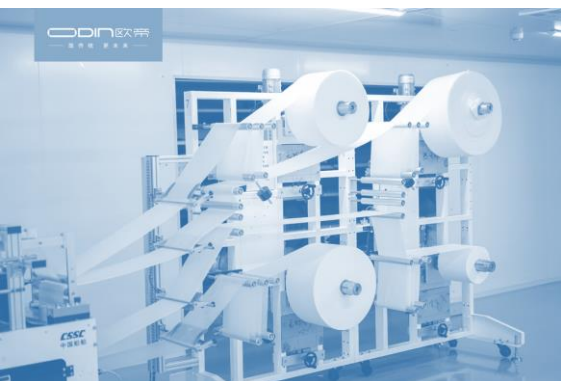
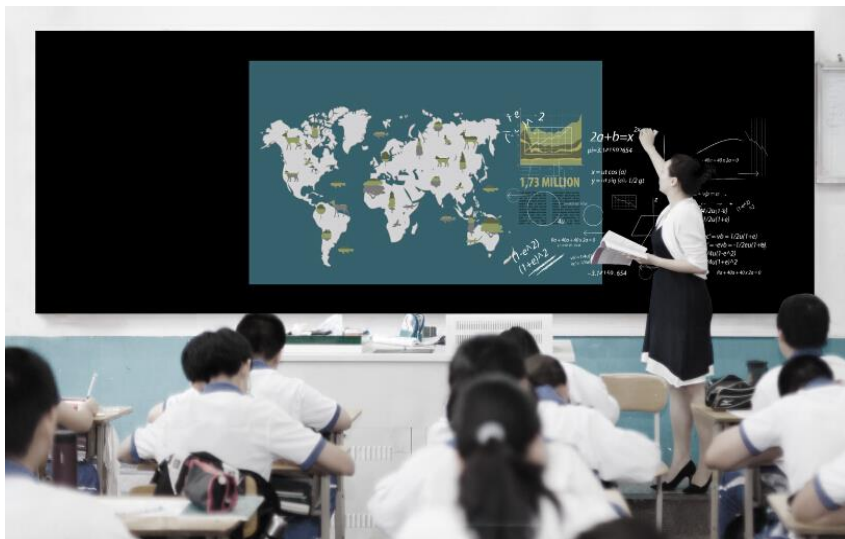


Fighting COVID-19

ODIN helps protecting your families



ODIN on fighting



In order to fight the epidemic, ODIN uses its own built-in LCD production workshop and purchases a mask production line from CSSC. At present, 100,000 to 150,000 FFP2 (equivalent to N95) grade respirator masks can be produced daily.

We are still working hard to increase production. It is estimated that by early April, the daily production capacity can be increased to 250,000 to 300,000.

Odin's masks have passed CNAS(GB2626) certification, CE(EN149) certification, and reached KN95 specifications and FFP2 specifications.

If you have any question please feel free to contact our salesperson.

Steven 余昆 Regional Director of Sales



Mobile: +86 181 6806 8003
 Email: Steven@njodin.com
 Website: global.njodin.com
 Address: Odin Industrial Park, 12-9 Fengji Ave, Yuhuatai District, Nanjing, P.R.China, 210039

APPEARANCE AND SPECIFICATIONS

Descriptions	
Filter Body	Spunbond Polypropylene (SBPP) 50gsm
	Hot Air Cotton 50gsm
	Melt Blown Polypropylene (MBPP) 50gsm
	Spunbond Polypropylene (SBPP) 25gsm
Nose Clamp	Aluminum
Earloop	Polyester and Polyurethane
PFE	99.4% ± 0.5%
Inhalation Resistance	100 ± 5 (Pa)
Exhalation Resistance	96 ± 5 (Pa)



■ Skin-friendly layer

Non-woven fabric
No skin irritation

■ Filter layer

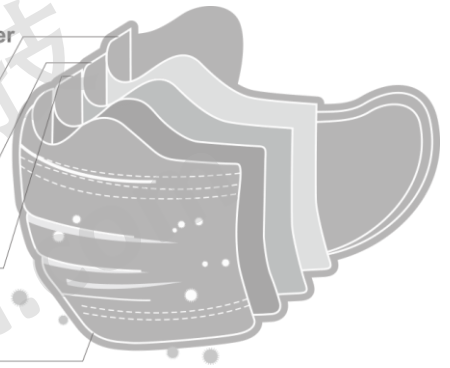
Electrostatic capture 95%
Above PM0.3

■ Filter layer

Velvet cloth absorption
Small particles

■ Isolation layer

Non-woven fabric isolation
Block large particles



PACKAGE



	Large	Middle	Small
Size (mm)	665*315*295	150*130*280	130*180
Weight (Kg)	6	0.4	0.006
Quantity (Pcs)	500	50	2

Verification No.: CPJS20031322396



VERIFICATION OF COMPLIANCE

Applicant: Jiangsu Odin Electronic and Technology Co., Ltd

Address of Applicant: NO.12-9 Fengji Road, Yuhua District, Nanjing, Jiangsu,Province

Manufacturer: Jiangsu Odin Electronic and Technology Co., Ltd

Address of Manufacturer: NO.12-9 Fengji Road, Yuhua District, Nanjing, Jiangsu,Province

Product Name: FFP2 FACE MASK

Trade Name: Odin

Model No.: DRM-9501

Test Standard(s): EN 149: 2001+A1:2009

Test report(s): TPJS20031322397

Date of issue: Mar. 13, 2020

Date of Expiry: Mar. 12, 2025

In accordance with the following Applicable Directives:

The Personal Protective Equipment Regulation (EU)2016/425

Conclusion

The referred test report(s) show that the product complies with standard(s) recognized as giving presumption of compliance with the essential requirements.

The CE marking as shown below can be affixed on the product after preparation of necessary technical documentation.

Other relevant Directives have to be observed.

Approved by: Hermann Weiher

For and on behalf of
Global Testing Services Co., Ltd



Global Testing Services Co., Ltd
E-mail: info@gts-lab.com <http://www.gts-lab.com>
Floor 2nd, Building D-1, No. 128, Shenfu Road, Minhang District, Shanghai, China.

Copyright of this certificate is owned by Global Testing Services Co., Ltd and may not be reproduced other than in full and with the prior approval of the General Manager.



Ente Certificazione Macchine

VALIDITY OF PARTNERSHIP

To: Shanghai Global Testing Services Co., Ltd.

Floor 2nd, Building D-1, No. 128, Shenfu Road, Minhang District, Shanghai, China.

As General Manager of ECM Shanghai I confirm the validity of our Partnership

As an Excellent and Official Partner

For Year 2019

We are available also to confirm the validity of this Partnership by phone and email, anytime.

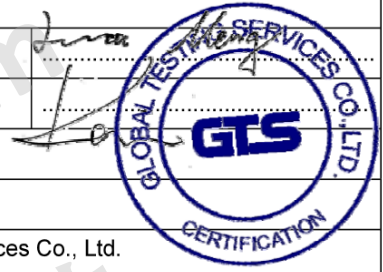
We remain at your full disposal for any further information or detail you might require.

Best Regards

Dr.Mr.Marco Morina

General Manager

TECHNICAL CONSTRUCTION FILE	
Report Reference No.....	TPJS20031322397
Tested by (+ signature)	Jessica Meng
Approved by (+ signature)	Kevin Shi
Date of issue	Mar. 13, 2020
Testing Laboratory	Shanghai Global Testing Services Co., Ltd.
Address	Floor 2nd, Building D-1, No. 128, Shenfu Road, Minhang District, Shanghai, China.
Testing procedure	TL [<input checked="" type="checkbox"/>] TMP[<input type="checkbox"/>] WMT[<input type="checkbox"/>]
Applicant's name	Jiangsu Odin Electronic and Technology Co., Ltd
Address	NO.12-9 Fengji Road, Yuhua District, Nanjing, Jiangsu,Province
Test specification:	
Standard.....	EN 149:2001+A1:2009
Type of Test	PST[<input type="checkbox"/>] Registration (type test) [<input checked="" type="checkbox"/>]
Non-standard test method.....	N/A
Manufacturer.....	Jiangsu Odin Electronic and Technology Co., Ltd
Address.....	NO.12-9 Fengji Road, Yuhua District, Nanjing, Jiangsu,Province
Product name.....	FFP2 FACE MASK
Model No.	DRM-9501
Trade Name:	Odin



Possible test case verdicts:	
- test case does not apply to the test object.....:	N/A
- test object does meet the requirement.....:	P(Pass)
- test object does not meet the requirement	F(Fail)
Testing	
Date of receipt of test item.....:	Mar. 05, 2020
Date (s) of performance of tests	Mar. 05, 2020 to Mar. 13, 2020
General remarks:	
<p>The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.</p> <p>"(see Enclosure #)" refers to additional information appended to the report. "(see appended table)" refers to a table appended to the report.</p> <p>Throughout this report a comma (point) is used as the decimal separator.</p>	

TEST CONDUCTED:

Respiratory protective devices — Filtering half masks to protect against particles — Requirements, testing, marking (EN 149:2001 +A1:2009)

Test Property	Test Method	Test Principle / Requirements	The Result
7. Requirements			
General	EN149 Clause 7.1	In all tests all test samples shall meet the requirements.	-
Nominal values and tolerances	EN149 Clause 7.2	Unless otherwise specified, the values stated in this European Standard are expressed as nominal values. Except for temperature limits, values which are not stated as maxima or minima shall be subject to a tolerance of $\pm 5\%$. Unless otherwise specified, the ambient temperature for testing shall be $(16 - 32)^\circ\text{C}$, and the temperature limits shall be subject to an accuracy of $\pm 1^\circ\text{C}$.	Pass
Visual inspection	EN149 Clause 7.3	The visual inspection shall also include the marking and the information supplied by the manufacturer.	Pass
Packaging	EN149 Clause 7.4	Particle filtering half masks shall be offered for sale packaged in such a way that they are protected against mechanical damage and contamination before use.	Pass
Material	EN149 Clause 7.5	Materials used shall be suitable to withstand handling and wear over the period for which the particle filtering half mask is designed to be used. After undergoing the conditioning described in 8.3.1 none of the particle filtering half masks shall have suffered mechanical failure of the	Pass

Test Property	Test Method	Test Principle / Requirements	The Result
		facepiece or straps. Three particle filtering half masks shall be tested. When conditioned in accordance with 8.3.1 and 8.3.2 the particle filtering half mask shall not collapse. Any material from the filter media released by the air flow through the filter shall not constitute a hazard or nuisance for the wearer.	
Cleaning and disinfecting	EN149 Clause 7.5	If the particle filtering half mask is designed to be re-usable, the materials used shall withstand the cleaning and disinfecting agents and procedures to be specified by the manufacturer	Pass
Practical performance	EN149 Clause 7.7	The particle filtering half mask shall undergo practical performance tests under realistic conditions. These general tests serve the purpose of checking the equipment for imperfections that cannot be determined by the tests described elsewhere in this standard.	Pass
Finish of parts	EN149 Clause 7.8	Parts of the device likely to come into contact with the wearer shall have no sharp edges or burrs.	Pass
7.9 Leakage			
Total inward leakage	EN149 Clause 7.9.1	The laboratory tests shall indicate that the particle filtering half mask can be used by the wearer to protect with high probability against the potential hazard to be expected. The total inward leakage consists of three components: face seal leakage, exhalation valve leakage (if exhalation valve fitted) and filter penetration.	Pass

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Shanghai Global Testing Services Co., Ltd.

Floor 2nd, Building D-1, No. 128, Shenfu Road, Minhang District, Shanghai, China.

Tel: (86-21) 3363 7866 Fax: (86-21) 3363 7858 E-mail: info@gts-lab.com Web Site: http://www.gts-lab.com

Test Property	Test Method	Test Principle / Requirements	The Result
Penetration of filter material	EN149 Clause 7.9.2	The penetration of the filter of the particle filtering half mask shall meet the requirements of Table 1.	Pass
Compatibility with skin	EN149 Clause 7.10	Materials that may come into contact with the wearer's skin shall not be known to be likely to cause irritation or any other adverse effect to health.	Pass
Flammability	EN149 Clause 7.11	The material used shall not present a danger for the wearer and shall not be of highly flammable nature. When tested, the particle filtering half mask shall not burn or not to continue to burn for more than 5 s after removal from the flame.	<5s Pass
Carbon dioxide content of the inhalation air	EN149 Clause 7.12	The carbon dioxide content of the inhalation air (dead space) shall not exceed an average of 1,0 % (by volume).	Pass
Head harness	EN149 Clause 7.13	The head harness shall be designed so that the particle filtering half mask can be donned and removed easily. The head harness shall be adjustable or self-adjusting and shall be sufficiently robust to hold the particle filtering half mask firmly in position and be capable of maintaining total inward leakage requirements for the device.	N/A
Field of vision	EN149 Clause 7.14	The field of vision is acceptable if determined so in practical performance tests.	Pass
Exhalation valve(s)	EN149 Clause 7.15	A particle filtering half mask may have one or more exhalation valve(s), which shall function correctly in all orientations.	N/A

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Test Property	Test Method	Test Principle / Requirements	The Result
Breathing resistance	EN149 Clause 7.16	The breathing resistances apply to valved and valveless particle filtering half masks and shall meet the requirements of Table 2.	Pass
7.17 Clogging			
General	EN149 Clause 7.17.1	For re-usable devices the test is mandatory.	N/A

Sample Photo:



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****End of Report****



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TESTING
CNAS L0450

161011110680



江苏纺检

江苏省纺织产品质量监督检验研究院

检验报告



JST-FW202000438



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产品名称	口罩	型号规格	—
委托单位	江苏欧帝电子科技有限公司	商 标	—
地 址	南京市雨花台区凤集大道12-9号	检验类别	委托送样
生产单位	—	样品等级 安全类别	KN95/—
地 址	—	到样日期	2020/3/10
抽样地点	—	检验日期	2020-03-10~2020-03-17
样品数量	26只	分包情况	—
抽样基数 抽样批量	—/—	样品状态	符合检验要求
批号或货号 或款号	—	生产日期	—
检验/判定 依据	GB 2626-2006《呼吸防护用品 自吸过滤式防颗粒物呼吸器》		
检验结论	<p>样品经检验，所检项目符合GB 2626-2006《呼吸防护用品 自吸过滤式防颗粒物呼吸器》标准规定的KN95要求。</p> <p>签发日期： 2020年03月17日</p>		
备注			

批准：

编制：

- 1、报告无“检验检测专用章”，或无批准人签字，或无二维码，或涂改，或不完整无效。
- 2、报告各页条码不一致或报告与扫描二维码显示的内容不一致无效。
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网址：<http://www.jst.gov.com>



江苏纺检

检测结果



JST-FW202000438

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序号	检验项目		测试方法	技术要求	检验结果	单项判定
1	过滤效率(%)	未处理样	GB2626-2006	≥ 95.0	99.6, 99.6, 99.7, 99.5, 99.6, 99.5, 99.6, 99.7, 99.5, 99.6	合格
		预处理后样		≥ 95.0	99.6, 99.5, 99.5, 99.4, 99.3	
2	吸气阻力(Pa)	未处理样	GB2626-2006	≤ 350	102, 103	合格
		预处理后样		≤ 350	97, 98	
3	呼气阻力(Pa)	未处理样	GB2626-2006	≤ 250	97, 97	合格
		预处理后样		≤ 250	95, 95	
4	视野($^{\circ}$)		GB 2890-2009之6.8 GB 2891-1995	下方视野 ≥ 60	76	合格