

**Test Report**      **SL52035297595401TX**      **Date: September 11, 2020**  
NANTONG DONGTIAN TOOLS CO.,LTD  
NO.88 TIEMAO ROAD , HAIMEN PORT NEW DISTRICT , HAIMEN CITY , JIANGSU PROVINCE

Page 1 of 5

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : (A)Face mask

Buyer : Vice Vertriebs GmbH Sperberweg 14a,D-41468 Neuss

Sample Color : (A)WHITE

Style No. : DT-01

Manufacturer : NANTONG DONGTIAN TOOLS CO.,LTD

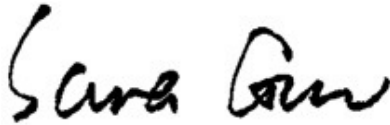
Test Performed : Selected test(s) as requested by applicant

Sample Receiving Date : Sep 07, 2020

Testing Period : Sep 07, 2020 - Sep 11, 2020

Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, for further details, please refer to the following page(s).

Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd Testing Center



Sara Guo (Account Executive)

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Test Result

**Personal Protective Equipment - Respiratory Protective Devices- Filtering Half Masks to Protect against Particles- Requirements, Testing, Marking**

EN 149:2001+A1:2009

**Clause 7.7 Practical Performance**

(EN 149:2001+A1:2009, Clause 8.4)

Test Requirement	Results	Comment
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.	No imperfections	Pass



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## Clause 7.9.1 Total Inward Leakage

(EN 149:2001+A1:2009, Clause 8.5)

Test Requirement	Results	Comment
<p>The total inward leakage consists of three components: face seal leakage, exhalation value leakage(if exhalation value fitted) and filter penetration. For particle filtering half masks fitted in accordance with the manufacturer's information, at least 46 out of the 50 individual exercise results (i.e. 10 subjects x 5 exercises) for total inward leakage shall be not greater than: 25% for FFP1, 11% for FFP2, 5% for FFP3</p> <p>and, in addition, at least 8 out of the 10 individual wearer arithmetic means for the total inward leakage shall be not greater than: 22% for FFP1, 8% for FFP2, 2% for FFP3</p>	Detail refer to Appendix 1	Meet FFP1, Meet FFP2

## Appendix 1: Summarization of Test Data

### Inward Leakage Test Data

Subject	Sample No.	Condition	Walk(%)	Head Side/side(%)	Head up/down(%)	Talk(%)	Walk(%)	Mean(%)
Zhou	1	A.R.	5.80	7.41	6.79	7.19	8.08	7.05
Luo	2	A.R.	7.08	8.15	6.18	7.89	8.13	7.49
Lu	3	A.R.	7.20	6.94	6.86	6.15	7.94	7.02
Wang	4	A.R.	5.65	6.99	5.22	7.12	5.81	6.16
Bao	5	A.R.	7.10	6.90	7.64	7.54	7.96	7.43
Ding	6	T.C.	7.36	6.09	6.72	6.31	5.82	6.46
Li	7	T.C.	9.11	6.70	7.69	8.35	8.71	8.11
Chen	8	T.C.	5.78	7.27	7.72	5.83	6.39	6.60
Song	9	T.C.	7.24	6.74	7.45	7.01	7.51	7.19
Ye	10	T.C.	7.66	8.60	9.03	7.17	8.13	8.12

### Facial Dimension(mm)

Subject	Face length	Face Width	Face Depth	Mouth Width
Chen	125	150	120	58
Lu	115	132	107	48
Zhou	115	135	106	52
Li	125	130	107	46
Luo	125	136	100	43
Zheng	128	140	112	55
Wang	120	147	103	48
Song	120	140	100	50
Bao	130	134	104	50
Ding	134	150	110	52
Liu	120	135	117	50
Ye	126	137	105	52



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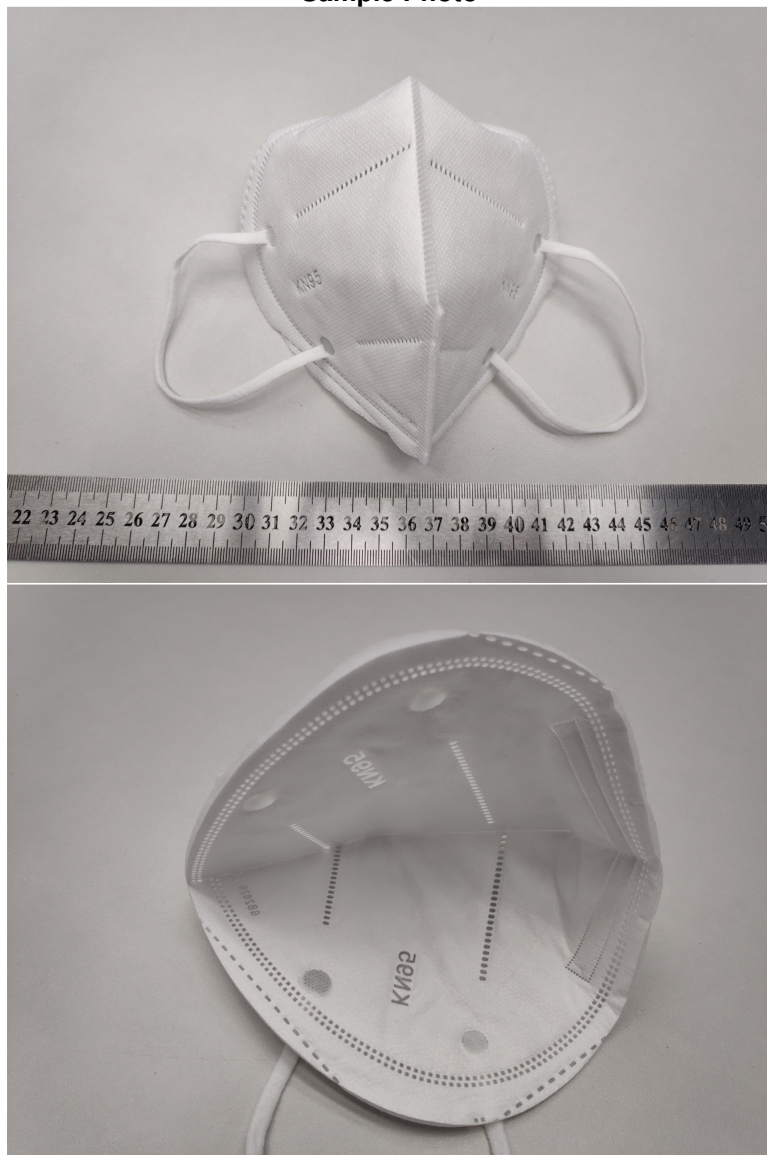
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## Sample Photo



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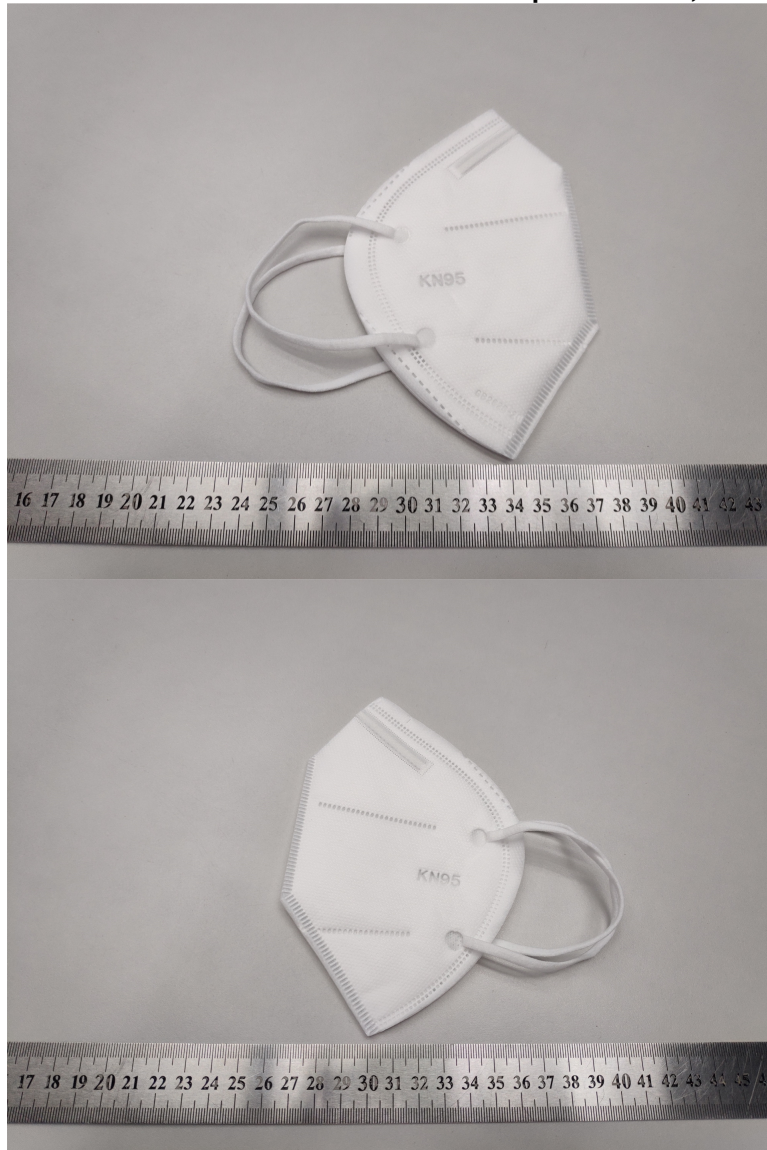
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\*\*\*End of Report\*\*\*