

STRAX AMERICAS, INC.

TEST REPORT

SCOPE OF WORK

Performance Testing of Face Masks to
ASTM F3502 – 21 Standard Specification for
Barrier Face Coverings

REPORT NUMBER

104733774CRT-001

ISSUE DATE

July 14, 2021

PAGES

7

DOCUMENT CONTROL NUMBER

GFT-OP-10i (28-Nov-2018)

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TEST REPORT

Issued July 14, 2021

Intertek Report No. 104733774CRT-001

Intertek Project No. G104733774

CLIENT

STRAX AMERICAS, INC.
1867 NW 97 Ave., Ste 103
Doral, FL 33172
USA

TEST STANDARD

ASTM F3502 – 21 Standard Specification for Barrier Face Coverings
AATCC LP1- 2018e

AUTHORIZATION

Quote No.: Qu-01159720-2

SAMPLE IDENTIFIED BY THE CLIENT AS

Product Type: Barrier Face Coverings
Brand Name: AirPOP
Model: Pocket Mask/ Masque

SAMPLE INFORMATION

Date(s) Samples Received: June 30, 2021
Condition of Samples: Production Run
Date(s) of Testing: July 9, 2021 Through July 14, 2021

TEST INFORMATION

Section 8.1: Sub-micron Particulate Filtration Test data attached
Section 8.2: Air Flow Resistance Test data attached
16 CFR 1610 Flammability Not tested under this project

STATUS

TESTING LOCATION

Intertek-Cortland, NY
Intertek-Cortland, NY
Intertek-Cortland, NY

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SECTION 1

CONCLUSION

This test report represents the testing covered by quote Qu-01159720-2.

The observations and test results in this report are relevant only to the sample tested. Intertek makes no representations or warranties, express or implied, regarding units that were not tested including, but not limited to, units that may be part of the same lot.

If there are any questions regarding the results contained in this report, or any other services offered by Intertek, please do not hesitate to contact the undersigned.

Please note this Test Report does not represent authorization for the use of any Intertek certification marks.

Project Owner: Steven Morey

Title: Technician

Signature: 

Date: July 14, 2021

Project Reviewer: Jason Allen

Title: Technical Advisor

Signature: 

Date: July 14, 2021

REPORT REVISIONS

Date / Project #	Project Handler/ Reviewer	Description of Change
		None

TEST REPORT

SECTION 2

REPORT OF TESTING AND OTHER INFORMATION REQUIRED BY ASTM F3502-21, SPECIFICATION ON BARRIER FACE COVERINGS											
Manufacturer Name						STRAX AMERICAS, INC.					
Product Name or Model number						Pocket Mask/ Masque					
Laboratory Name/Address						Intertek Testing Services NA, Inc./Cortland, NY 13045					
Flow Rate Tested at to Achieve 10 ±0.5 cm/s (LPM)						49.0					
Laboratory Accreditation Credentials						Lab Accreditation					
Sub-micron Particulate Filtration Efficiency (Section 8.1)								Test Date:		14-Jul-21	
Test Values(%) by Specimen											
Condition	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10	Report Value
Pristine*	99.7	98.0	98.3	99.7	99.7	98.9	99.6	99.4	99.6	99.6	97
After Wash**	99.6	99.5	99.6	99.7	99.6	99.6	99.5	99.6	99.4	99.0	
Air Flow Resistance (Section 8.2)								Test Date:		14-Jul-21	
Test Values (mm H2O) by Specimen											
Condition	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10	Report Value
Pristine*	6.0	4.0	4.6	6.4	6.3	5.7	6.9	5.7	6.8	7.0	7
After Wash**	6.9	6.6	6.4	6.3	6.5	6.7	5.6	6.8	5.9	5.6	
* Description of Condition if Other than Pristine (identify where performed)						Intertek Cortland, NY- Pre Conditioning according to section 8.1.1.5 of the ASTM 3502 Standard.					
** Description of Laundering or Cleaning Conditions Applied (identify where performed)						Clean with a 70% alcohol wipe only (as per in pack instructions) 10x					
Description of Approach Applied as Part of Product Design Analysis (provide supporting documentation, as needed)						Evaluated By Client					
Results of quantitative leakage assessment with leakage ration (if applicable Document full findings in separate report)						N/A					
Overall Performance Classification				Sub-micron Particulate Filtration Efficiency		Level 2		Air Flow Resistance		Level 1	

TEST REPORT

REPORT OF TESTING AND OTHER INFORMATION REQUIRED BY ASTM F3502-21, SPECIFICATION ON BARRIER FACE COVERINGS											
Manufacturer Name						STRAX AMERICAS, INC.					
Product Name or Model number						Pocket Mask/ Masque					
Laboratory Name/Address						Intertek Testing Services NA, Inc./Cortland, NY 13045					
Flow Rate Tested at to Achieve 10 ±0.5 cm/s (LPM)						49.0					
Laboratory Accreditation Credentials						Lab Accreditation					
Sub-micron Particulate Filtration Efficiency (Section 8 .1)								Test Date:		14-Jul-21	
Test Values(%) by Specimen											
Condition	Sample 11	Sample 12	Sample 13	Sample 14	Sample 15	Sample 16	Sample 17	Sample 18	Sample 19	Sample 20	Report Value
Pristine*	99.7	99.7	99.6	99.5	99.5	99.6	99.4	99.7	98.7	99.3	98
After Wash**	99.6	99.5	99.6	99.7	99.6	99.6	99.5	99.6	99.4	99.0	
Air Flow Resistance (Section 8.2)								Test Date:		14-Jul-21	
Test Values (mm H2O) by Specimen											
Condition	Sample 11	Sample 12	Sample 13	Sample 14	Sample 15	Sample 16	Sample 17	Sample 18	Sample 19	Sample 20	Report Value
Pristine*	5.9	6.2	6.4	7.0	6.1	5.6	4.8	6.7	5.7	5.1	7
After Wash**	6.9	6.6	6.4	6.3	6.5	6.7	5.6	6.8	5.9	5.6	
* Description of Condition if Other than Pristine (identify where performed)						Intertek Cortland, NY- Pre Conditioning according to section 8.1.1.5 of the ASTM 3502 Standard.					
** Description of Laundering or Cleaning Conditions Applied (identify where performed)						Clean with a 70% alcohol wipe only (as per in pack instructions) 10x					
Description of Approach Applied as Part of Product Design Analysis (provide supporting documentation, as needed)						Evaluated By Client					
Results of quantitative leakage assessment with leakage ration (if applicable Document full findings in separate report)						N/A					
Overall Performance Classification				Sub-micron Particulate Filtration Efficiency		Level 2		Air Flow Resistance		Level 1	

TEST REPORT

SECTION 4

PHOTOS

Pocket Mask/ Masque



1. Printed Adult Medium Face Form ISO # 16900-5-2016



2. Mask Under Test



3. Mounting of Mask



4. Test Set up

TEST REPORT

SECTION 5

EQUIPMENT LIST AND TESTING DATES

Sub-micron Particulate Filtration Efficiency (Section 8.1)

Description	Control Number	Calibration Date	Calibration Due
Conditioning Monitor	308-H323	8/25/2020	8/25/2021
Timer	308-H309	8/13/2020	8/13/2021
Scale	308-S940	8/24/2020	8/24/2021
Printed Medium Face Form ISO # 16900-5-2016	308-H387	VBU	VBU
TSI 8130a Filter Tester	308-H399	VBU	VBU
2inch Die	308-J156	12/5/2020	12/5/2021
Date of Testing	7/14/2021		

Air Flow Resistance (Section 8.2)

Description	Control Number	Calibration Date	Calibration Due
Conditioning Monitor	308-H323	8/25/2020	8/25/2021
Timer	308-H309	8/13/2020	8/13/2021
Scale	308-S940	8/24/2020	8/24/2021
Printed Medium Face Form ISO # 16900-5-2016	308-H387	VBU	VBU
TSI 8130a Filter Tester	308-H399	VBU	VBU
2inch Die	308-J156	12/5/2020	12/5/2021
Date of Testing	7/14/2021		

16 CFR 1610 TEST DATA

Description	Control Number	Calibration Date	Calibration Due
Circulating Oven	308-H223	3/2/2021	3/2/2022
Flame Chamber	US20041501	VBU	VBU

Date of Testing	N/A
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