

AMER MED LLC

TEST REPORT

SCOPE OF WORK

Performance Testing of Face Masks to
*ASTM F2100 Standard Specification for Performance of
Materials Used in Medical Face Masks, 2019 Edition*

REPORT NUMBER

104433356CRT-001

ISSUE DATE

September 10, 2020

PAGES

5

DOCUMENT CONTROL NUMBER

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TEST REPORT

Issued September 10, 2020

Intertek Report No. 104433356CRT-001
Intertek Project No. G104433356

CLIENT

Amer Med LLC
2310 Tall Pines Drive
#230
Largo, FL 33771
USA

TEST STANDARD

ASTM F2100 *Standard Specification for Performance of Materials Used in Medical Face Masks*, 2019 Edition

AUTHORIZATION

Quote Number: Qu-01103710

SAMPLE IDENTIFIED BY THE CLIENT AS

Product Type: Face Mask

SAMPLE INFORMATION

Date(s) Samples Received: September 1, 2020
Condition of Samples: Production Run
Date(s) of Testing: September 10, 2020

TEST INFORMATION

ASTM F2101 <i>Bacterial Filtration Efficiency</i>	Not tested under this project
EN 14683:2019 Annex C <i>Differential Pressure</i>	Not tested under this project
ASTM F2299 <i>Sub-Micron Particulate Filtration</i>	Not tested under this project
ASTM F1862 <i>Resistance to Penetration by Synthetic Blood</i>	Test data attached
16 CFR 1610 <i>Flammability</i>	Not tested under this project

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SECTION 1

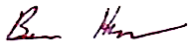
CONCLUSION


This test report represents the testing covered by proposal number Qu-01103710.

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.

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

Project Owner: Benjamin Hanna
Title: Project Engineer
Signature: 
Date: September 10, 2020

Project Reviewer: Jason Allen
Title: Technical Advisor
Signature: 
Date: September 10, 2020

REPORT REVISIONS

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

TEST REPORT

SECTION 2

ASTM F2100-19 TEST DATA

RESISTANCE TO PENETRATION BY SYNTHETIC BLOOD, ASTM F1862-17

Specimens conditioned for 4-hours at 21-22°C and 83-86%RH

Specimens tested at 21-23°C and 55-62% RH

Medical Face Mask Barrier Testing				
Specimen	Pressure	Test Volume (mL)	Visible Penetration of Blood or Wetness	Pass/Fail
1	160 mmHg	2	None	Pass
2	160 mmHg	2	None	Pass
3	160 mmHg	2	None	Pass
4	160 mmHg	2	None	Pass
5	160 mmHg	2	None	Pass
6	160 mmHg	2	None	Pass
7	160 mmHg	2	None	Pass
8	160 mmHg	2	None	Pass
9	160 mmHg	2	None	Pass
10	160 mmHg	2	None	Pass
11	160 mmHg	2	None	Pass
12	160 mmHg	2	None	Pass
13	160 mmHg	2	None	Pass
14	160 mmHg	2	None	Pass
15	160 mmHg	2	None	Pass
16	160 mmHg	2	None	Pass
17	160 mmHg	2	None	Pass
18	160 mmHg	2	None	Pass
19	160 mmHg	2	None	Pass
20	160 mmHg	2	None	Pass
21	160 mmHg	2	None	Pass
22	160 mmHg	2	None	Pass
23	160 mmHg	2	None	Pass
24	160 mmHg	2	None	Pass
25	160 mmHg	2	None	Pass
26	160 mmHg	2	None	Pass
27	160 mmHg	2	None	Pass
28	160 mmHg	2	None	Pass
29	160 mmHg	2	None	Pass
30	160 mmHg	2	None	Pass
31	160 mmHg	2	None	Pass
32	160 mmHg	2	None	Pass

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TEST EQUIPMENT INFORMATION

Description	Control Number	Calibration Date	Calibration Due
Conditioning Chamber	308-H252	2/26/2020	2/26/2021
Automated Dispenser	308-H386	VBU	VBU
Ambient Conditions Monitor	308-G183	4/21/2020	4/21/2021
Timer for Dispenser Verification	308-H306	10/24/2019	10/24/2020

Date of Testing	9/10/2020
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