Table 2. Resistance to Blood Penetration (ASTM F 1862)

	Face Mask Brilliance Air, FM3P-10Pk Brilliance Air, MFR: FEB2021, UVC Sanitized, Made in USA (JN 23834)
In Scope of ISO 17025 Accreditation (Y/N)	Y
Resistance to Blood Penetration (Pass/Fail)	
1	Pass
2	Pass
3	Pass
4	Pass
5	Pass
6	Pass
7	Pass
8	Pass
9	Pass
10	Pass
11	Pass
12	Pass
13	Pass
14	Pass
15	Pass
16	Pass
17	Pass
18	Pass
19	Pass
20	Pass
21	Pass
22	Pass
23	Pass
24	Pass
25	Pass
26	Pass
27	Pass
28	Pass
29	Pass
30	Pass
31	Pass
32	Pass
Resistance to Blood Penetration Summary	32 Pass/0 Fail

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Table 2. Resistance to Blood Penetration (ASTM F 1862) (contd.)

	Face Mask Brilliance Air, FM3P-10Pk Brilliance Air, MFR: FEB2021, UVC Sanitized, Made in USA (JN 23834)
Test Parameters	
Synthetic Blood Lot #	109201
Test Pressure (mmHg)	160

Method(s) and Notes:

All valid results are included in the statistical analyses.
Revisions of SGS-IPS methods when used are current at the time of testing.
Samples tested and conditioned in TAPPI standard conditions unless requested otherwise by customer or otherwise specified.
Samples were not preconditioned.

16 CFR Ch. II Part 1610 (1-1-18 Edition) - Standard for the Flammability of Clothing Textiles
- Testing conducted as a Plain Surface Textile Fabric.
- Samples were not refurbished.
- Preliminary tests to determine most rapidly burning direction were not conducted.
- Samples were cooled in a desiccator after oven drying for a minimum of 15 minutes.
- If samples could not be dried in an oven, samples were placed in a desiccator for a minimum of 1 hour.
- Specimens were cut to 2.5"x6" to assist in securing specimens in the specimen holder.

ASTM F 1862/F 1862M-17 Standard Test Method for Resistance of Medical Face Masks to Penetration by Synthetic Blood (Horizontal Projection of Fixed Volume at a Known Velocity)
- A 2 mL check was performed at the beginning, middle and end of each sample.
- Synthetic blood is purchased from Johnson, Moen & Co. Surface Tension is not independently verified after receipt and unused synthetic blood is stored in original plastic bottles.
- Samples were conditioned prior to testing. Chamber conditions can be found as reported.

Analyzed by: LAH, SW
Quality review by: MAG
Date(s) of testing: February 24-25, 2021

Project No. IBR JN 23834

Room Conditions

	Relative Humidity (%)	Temperature (°F)
Conditioning Environment	49.6	73.6
Maximum during testing Minimum during testing	49.9 49.6	73.6 73.2

Chamber Conditions ASTM F 1862 160mmHg

	Relative Humidity (%)	Temperature (°F)
Chamber Maximum Chamber Minimum	83.6 80.1	72.3 71.7

Note: See the method(s) cited above for available estimates of measurement uncertainty.
Unless otherwise noted, sampling was performed by customer.