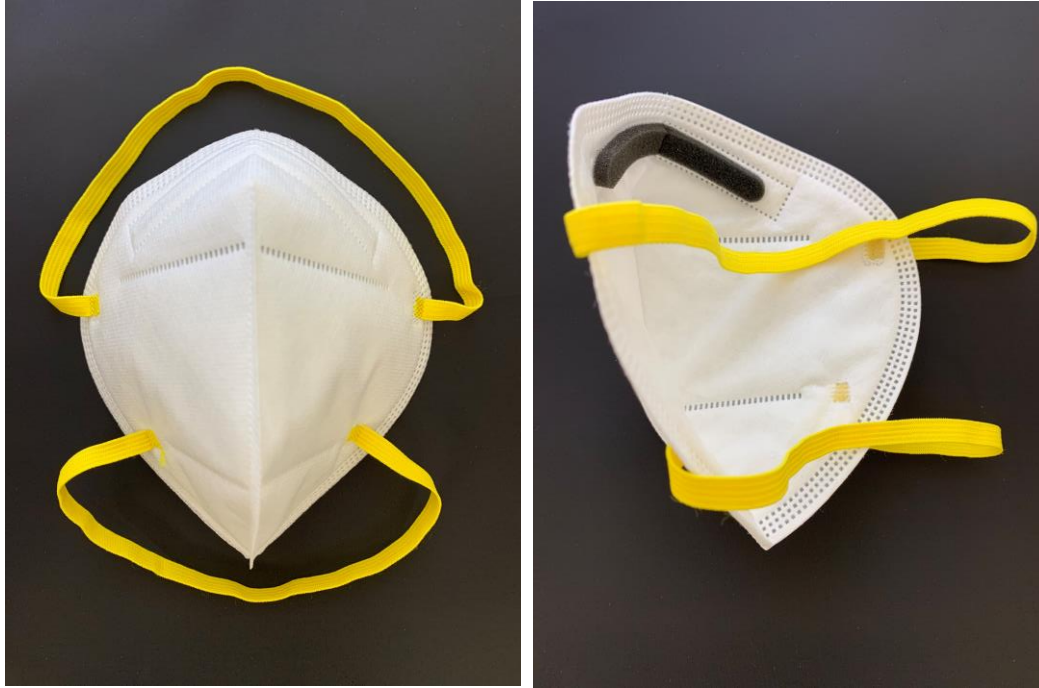


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With Globally Sourced Materials

We Make Masks Right

4-Layer respirator (white color)



- Filtration Efficiency > 95%
- Flat Fold design – easy to carry and more efficient for packing and shipping
- Adjustable nose piece for close fitting
- Nose foam for more comfortable and fog free wearing experience
- Ultrasonically welded head bands instead of ear loops for painless wearing
- ES (Ethylene-Propylene Side by Side) for better 3D structural integrity



20 pcs/per box; 10 boxes/carton;

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Scott Yin
Mid-America Safety Corp.
800 Greenleaf Ave.
Elk Grove Village, IL 60007

Sodium Chloride (NaCl) Aerosol Test Final Report

Test Article: NFT04W-01, Lot 09142020-04W
Purchase Order: 09142020-b
Study Number: 1342254-S01
Study Received Date: 16 Sep 2020
Testing Facility: Nelson Laboratories, LLC
6280 S. Redwood Rd.
Salt Lake City, UT 84123 U.S.A.
Test Procedure(s): Standard Test Protocol (STP) Number: STP0014 Rev 09
Deviation(s): None

Summary: This procedure was performed to evaluate particulate filter penetration as specified in 42 CFR Part 84 and TEB-APR-STP-0059 for requirements on a N95 respirator. Respirators were conditioned then tested for particle penetration against a polydispersed, sodium chloride (NaCl) particulate aerosol. The challenge aerosol was dried, neutralized, and passed through the test article at a

Results: The NIOSH N95 filter efficiency as stated in 42 CFR Part 84.181 is a minimum efficiency for each filter of ≥95% (≤5% penetration). The test articles submitted by the sponsor conform to the NIOSH N95 criteria for filter efficiency.

Test Article Number	Corrected ^a Airflow Resistance (mm H ₂ O)	Maximum Particle Penetration (%)	Filtration Efficiency (%)
1	12.6	3.02	96.98
2	9.4	3.10	96.90
3	13.9	2.68	97.32
4	9.8	1.02	98.98
5	10.7	3.07	96.93
6	11.1	3.80	96.20
7	9.3	2.99	97.01
8	9.7	2.18	97.82
9	11.8	2.95	97.05
10	11.6	3.08	96.92
11	11.0	2.67	97.33
12	13.5	2.75	97.25
13	11.4	3.12	96.88
14	12.9	3.48	96.52
15	11.3	3.02	96.98
16	11.7	2.19	97.81
17	10.7	3.60	96.40
18	11.3	2.40	97.60
19	9.8	1.19	98.81
20	12.4	3.44	96.56

^a The final airflow resistance value for each test article was determined by subtracting out the background resistance from the system.

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Scott Yin
Mid-America Safety Corp
800 Greenleaf Ave.
Elk Grove Village, IL 60007

Synthetic Blood Penetration Resistance GLP Report

Test Article: NFT04W-01, Lot 09142020-04W
Purchase Order: 09142020-b
Study Number: 1342252-S01
Study Received Date: 16 Sep 2020
Testing Facility: Nelson Laboratories, LLC
6280 S. Redwood Rd.
Salt Lake City, UT 84123 U.S.A.
Test Procedure(s): Standard Test Protocol (STP) Number: STP0012 Rev 09
Deviation(s): None

Summary: This procedure was performed to evaluate surgical facemasks and other types of protective clothing materials designed to protect against fluid penetration. The purpose of this procedure is to simulate an arterial spray and evaluate the effectiveness of the test article in protecting the user from possible exposure to blood and other body fluids. The distance from the target area surface to the tip of

Results: Per ASTM F1862 and ISO 22609, an acceptable quality limit of 4.0% is met for a normal single sampling plan when ≥29 of 32 test articles show passing results.

Test Article Number	Synthetic Blood Penetration
1-32	None Seen



Leah Tiberius electronically approved
Study Director

Leah Tiberius

05 Nov 2020 22:42 (+00:00)
Study Completion Date and Time

Nelson Labs.
A Sotera Health company

Sponsor:
Scott Yin
Mid-America Safety Corp
800 Green Leaf Ave.
Elk Grove Village, IL 60007

Determination of Inhalation and Exhalation Resistance for Air-Purifying Respirators Final Report

Test Article: NFT04W-01, Lot 09142020-04W
Purchase Order: 09142020-b
Study Number: 1342253-S01
Study Received Date: 16 Sep 2020
Testing Facility: Nelson Laboratories, LLC
6280 S. Redwood Rd.
Salt Lake City, UT 84123 U.S.A.
Test Procedure(s): Standard Test Protocol (STP) Number: STP0145 Rev 05
Deviation(s): None

Summary: This procedure was performed to evaluate the differential pressure of non-powered air-purifying particulate respirators in accordance with 42 CFR Part 84.180. The air exchange differential or

Test Article Number	Inhalation Resistance (mm H ₂ O)	Exhalation Resistance (mm H ₂ O)
1	7.6	7.3
2	8.2	7.9
3	7.8	7.5

Test Method Acceptance Criteria: The resistance measurement for the reference plate must be within ± 3 standard deviations of the mean established in the control chart.

Procedure: A complete respirator was mounted to a test fixture comprised of a metal plate with an approximate 3.5 inch diameter hole in the center to allow airflow to reach the mask. The sample holder was assembled by placing a Plexiglas collar around the test fixture and topping with another metal disc with a 3.5 inch opening in the center. The sample holder is held tightly together with clamps and connected to an air source. The manometer is attached to the sample holder by a connection port on the