

SGH N95 RESPIRATOR BROCHURE

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SGH N95 RESPIRATOR

EFFECTIVE, AFFORDABLE AND TRUSTWORTHY PROTECTION

The SGH N95 is a lightweight, disposable, flat folded particulate-filtering facepiece respirator that meets the U.S. National Institute for Occupational Safety and Health (NIOSH) N95 classification of air filtration, meaning that it filters at least 95% of airborne particles.

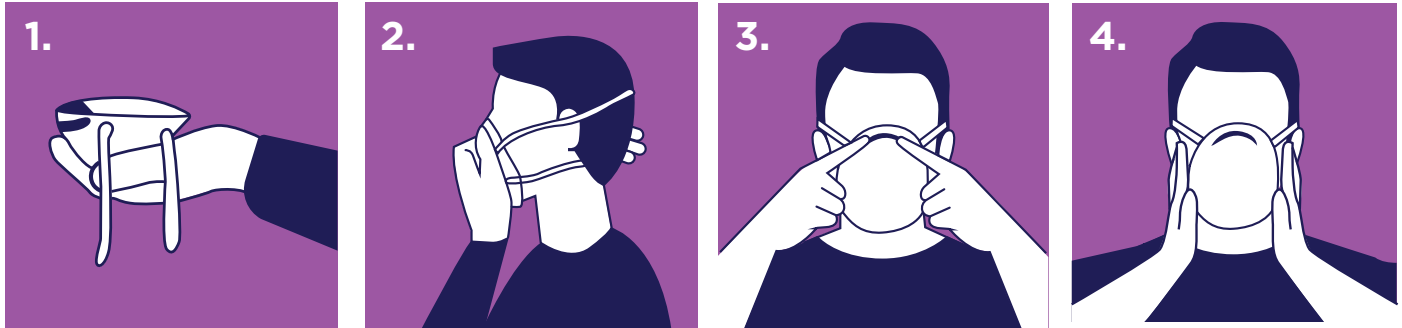
SGH N95 respirators are ≥95% efficient at filtering 0.3µm particles. This includes the ability to filter large fluid droplets (0.5 µm) created during talking, coughing, and sneezing which are common routes of transmission of water borne viruses like influenza/Covid-19. The respirators are contour-fit tested to ensure that infectious droplets and particles do not leak around the respirator.

The SGH N95 respirator is constructed of 4 layers of non-woven fabric which offers outstanding protection whilst providing excellent breathability and permeability. The respirators are skin-friendly and soft to aid comfort and allow longer wear time. They can be used in various settings being effective at preventing inhalation of fluid droplets, air pollutants, pollen, allergies and dust particles.

Company:	Sumner Group Health
Item Code:	FT-N040
Item name:	SGH N95 Respirator
Product type:	Lightweight disposable flat folded respirator
Standards:	FDA Product Code: MSH NIOSH (84A-7861) GB/T 19001-2016 / ISO 9001:2015
Intended use:	Intended to be worn by operating room personnel during surgical procedures to help protect both the surgical patient and the operating room personnel from transfer of microorganisms, body fluids, and particulate material.
Specifications:	Raw materials: water-blocking non-woven fabric (outer layer), hot air cotton (middle layer), meltblown (50g, middle layer), non-woven fabric (inner layer, moisture absorption, skin friendly), spandex straps Layers: 5 Adjustable magnalium nose bridge: PP/PE+ Al-Mg alloy Sponge nose lining Ultrasonic welded spandex strap Contour fit Easy breathing & speaking
Fluid resistance:	80 mmHg
Packing:	20pcs/box, 400 units/ctn
Product size:	155mm x 120mm
Carton dimensions:	665 x 290 x 375 mm
Shelf life:	3 years

INSTRUCTIONS FOR USE

The SGH N95 is designed to provide respiratory protection from oil-free solid and liquid aerosols. The respirators have a filter efficiency of $\geq 95\%$.



FITTING INSTRUCTIONS:

1. Hold respirator in hand with nose clip at your fingertips and let the straps hang downwards.
2. Place the respirator under the chin and its nose clip upwards. Pull the upper strap to the top back of your head and then pull the shorter lower strap to the back of the neck below the ears
3. Push the nosepiece inwards with your fingertips to conform the shape of your nose.
4. A face fit check must be done each time the respirator is worn as follows
 - i. Cover the respirator with both hands, breathing sharply, If leakage along the nose bridge is detected, repeat step 3 and adjust the shape of clip to the nose bridge
 - ii. If leakage is detected in the rest of respirator edge, adjust the straps again
 - iii. Facial hair or facial features may prevent or hamper a good fit. If a tight seal is not achievable, do not use the respirator.
 - iv. Respirators that have passed the fit check are safe to use. If leakage cannot be eliminated, do not wear the respirator and stop going into the contaminated environment.
 - v. If you experience any breathing problems or dizziness, leave the contaminated environment and seek medical help.



HOW DOES THE SGH N95 COMPARE?

SPECIFICATION COMPARISONS						
Item:	Shell respirator (leading competitor)			SGH N95		
Type:	Shell type			Folding type		
Material:	Acupuncture cotton Shell - Polyester Coverweb - Polypropylene			Ethylene - Propylene Side By Side		
Feature:	Light weight, easy to shape, low toxicity			Large elasticity, soft texture, good breathability and permeability, better fitting		
Use for:	Chemical industry, medical industry			Chemical industry, medical industry		
Valve or not:	No			No		
Packing:	20pcs/box			20pcs/box		
TEST RESULT						
New dust respirator protection standard	NIOSH 42 CFR 84 N95			NIOSH 42 CFR 84 N95		
PFE(0.3μm) (≥95%)	99.30%	99.60%	99.50%	99.86%	99.89%	99.78%
Exhalation resistance (MM of H2O) (<25)	No data			7.3	7.7	7.9
Inhalation resistance (MM of H2O) (<35)	2.63	2.59	2.66	8.9	9.6	11.2
Fuld Resistance (mmHg)	120			80		
Flame Spread	Class 1			Class 1		
Data Resource	3M			NIOSH		

SGH N95 NIOSH TEST RESULTS

National Institute for Occupational Safety and Health
Respirator Branch
Test Data Sheet

NIOSH

Task Number: TN-21589
Test: Exhalation Resistance Test

Reference No.: CFR 84.180
STP No.: 3

Filter Type: Filter Only

Item Tested: FT-N040

Sample	Maximum Allowable Resistance (MM of H2O)	Actual Resistance (MM of H2O)	Result
	Exhalation	Exhalation	
1	25	7.3	PASS
2	25	7.7	PASS
3	25	7.9	PASS

Overall Result: PASS

Comments:

Samples were tested on manometer 000282.

Was all equipment verified to be in calibration throughout all testing?

☒

Yes

☐

No

National Institute for Occupational Safety and Health
Respirator Branch
Test Data Sheet

NIOSH

Task Number: TN-21589
Test: Inhalation Resistance Test

Reference No.: CFR 84.180
STP No.: 7

Item Tested: FT-N040

Filter Type: Filter Only

Sample	Maximum Allowable Resistance (MM of H2O)	Actual Resistance (MM of H2O)	Result
	Inhalation	Inhalation	
1	35	8.9	PASS
2	35	9.6	PASS
3	35	11.2	PASS

Overall Result: PASS



PACKING INFORMATION



Packing				Carton size				Pallet size			
pcs/ box	pcs/ carton	pcs/ pallet	pallet/ 40HQ	L (mm)	W (mm)	H (mm)	CBM/ carton	L (mm)	W (mm)	H (mm)	CBM/ pallet
20	400	12,800	20	665	290	375	0.0723	1200	1000	2300	2.76

LOADABILITY/40HQ

pcs/40HQ (with pallet)	cbm/40HQ (with pallet)	pcs/40HQ (w/o pallet)	cbm/40HQ (w/o pallet)
256000	55.20	388800	70.29

NOTICE

1. The respirator reduces but does not eliminate the risk of contracting infections or diseases. Improper use may leave the user exposed to danger of contamination.
2. The respirator should be replaced in time and it is not recommended to be used for an extended periods.
3. It is recommended to stop using if there is any maladjustment or adverse reaction during wearing.
4. Do not sleep with respirator attached.
5. To reduce contamination risk, minimize contact with the inside of the respirator.
6. This product is for one time use and cannot be washed, please make sure to use it within the validity period.
7. Do not use if the respirator becomes damaged. Leave contaminated environments if the respirator becomes damaged.
8. Store in a dry and ventilated place, away from fire and flammable materials.



FOR GENERAL ENQUIRIES:

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