

3M® Disposable Particulate Medical Respirator N95, 1860 Data sheet



- NIOSH approved: N95. Complies with the CDC (Center for Disease Control & Prevention) recommendations for the control of Tuberculosis Microbacteria
- 95% filtering efficiency
- Electrostatically charged filter
- Cup shape
- Spring-loaded elastic bands stapled to respirator
- Nasal foam for greater comfort
- Nasal bridge for better fit

SPECIFICATIONS

FDA CLEARED	YES
BOXES PER CASE	6
BRAIDED COMFORT STRAP	YES
MATERIAL CHARACTERISTICS	ADVANCED ELECTROSTATIC MEDIA
CARTRIDGE OR FILTER INCLUDED	YES
CATALOG NUMBER	1860
NATURAL RUBBER LATEX COMPONENTS	NO
PACKAGING	BULK CASE

INDIVIDUALLY WRAPPED	NO
RESPIRATOR STYLE	CUP
FACESEAL/NOSEFOAM	NASAL FOAM
FLAMMABILITY RATING	CLASS 1
RECOMMENDED INDUSTRY	HEALTHCARE
BRAND /MODEL	3M™/1860
NIOSH FILTER APPROVAL RATING	N95
STANDARDS & APPROVALS	N95 & FDA-CLEARED/NIOSH-APPROVED
NATIONAL PART NUMBER	6532014225282
NUMBER PER BOX	20
PRODUCT COLOR	TEAL
FLAME -RESISTANCE	NO
FLUID RESISTANCE (ASTM F1862)	YES
STRAP ATTACHMENT TYPE	COMFORT BRAIDED ROPE
SIZE	STANDARD
SPRAY TYPE	NOT OILY
PRODUCT TYPE	RESPIRATOR FOR MEDICAL USE
PROTECTION TYPE	PARTICULATE MATERIALS
EXHALATION VALVE	NO

3M® Disposable Medical Particulate Respirator N95, 1870 Data sheet



•NIOSH Approved: N95. Meets recommendations for the control of the Tuberculosis Microbacterium of the CDC (Center for Disease Control & Prevention), FDA cleared for use as a surgical mask.

- Filtering efficiency of 95%
- Electrostatically charged filter
- Foldable shape
- Elastic bands stapled to respirator
- Nasal foam for greater comfort
- Nose bridge for better fit

The disposable respirator protects against particulate materials, including those generated by electrocauterization, laser surgery and others medical instruments. It also works as a surgical respirator, by being resistant to fluid splashes, blood splatters and other infectious materials.

Applications: Operating rooms, clinics, TB rooms, delivery patient care, infection control practices, laboratory, emergency rooms, pandemic control, etc.

SPECIFICATIONS

FDA CLEARED	YES
BOXES PER CASE	6
BRAIDED COMFORT STRAP	NO
CHARACTERISTICS	ADVANCED ELECTROSTATIC MEDIA, INDIVIDUALLY WRAPPED, NASAL FOAM, STAPLED HEADBAND
CARTRIDGE OR FILTER INCLUDED	YES
CATALOG NUMBER	1870+

NATURAL RUBBER LATEX COMPONENTS	NO
PACKAGING	BULK CASE
INDIVIDUALLY WRAPPED	YES
RESPIRATOR STYLE	FLAT FOLD
FACESEAL/NOSEFOAM	NASAL FOAM
FLAMMABILITY RATING	CLASS 1
RECOMMENDED INDUSTRY	HEALTHCARE
BRAND /MODEL	AURA™/1870+
NIOSH FILTER APPROVAL RATING	N95
NUMBER PER BOX	20
PRODUCT COLOR	WHITE
FLAME -RESISTANCE	NO
FLUID RESISTANCE (ASTM F1862)	YES
STRAP ATTACHMENT TYPE	STAPLED
SIZE	STANDARD
AEROSOL TYPE	NOT OILY
PRODUCT TYPE	RESPIRATOR FOR MEDICAL USE
PROTECTION TYPE	PARTICULATE MATERIALS
EXHALATION VALVE	NO

DATA SHEET OF 3-LAYER PLEATED FACE MASK & SMS SPECIFICATION



DATA SHEET OF FACE MASKS

Face masks, pleated, made of SMS non-woven fabric (3 layers) at 126 grams, sky blue or white (depending on availability).

PRODUCT: PLEATED FACE MASK

MATERIAL: MEDICAL POLYPROPYLENE 126 'SMS, NONWOVEN

THICKNESS: BACKGROUND 80, MID 18 AND TOP 17 GSM

MASK SECURING METHOD: EAR LOOPS, LYCRA

DIMENSIONS: WIDTH 90 MM, LENGTH 175 MM

SEAL: THERMAL SEALED

BACTERIAL FILTRATION EFFICIENCY: 98.60%

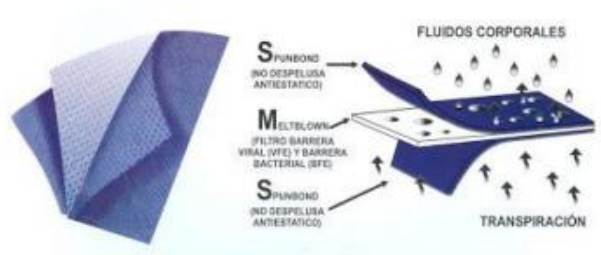


NONWOVEN SMS

The Meltblown is composed of a very dense fiber network and is used for filtration applications (particulate, bacteria and fluids). The SMS is a fabric with three layers, a Meltblown layer (filter layer), which is fixed between two layers of Spunbond.

Al hacer este "sándwich" de 3 capas, se obtiene una tela mejorada puesto que se combinan y se suman las buenas propiedades de ambos tipos de telas.

Esto se logra combinando los espesores o gramajes adecuados en ambos tipos de tela y ubicando la capa de meltblown en el centro y las capas de spunbonded externas, como se muestra en la siguiente imagen, podemos ver bien como bloquea a los fluidos, y del lado izquierdo se visualizan las tres capas perfectamente de la tela.



PROPERTIES:

- SMS is a totally antistatic material.
- Does not get moldy
- UV stabilizer
- Bacterial Filtration: As this fabric is impermeable to liquids, it offers an excellent barrier against the risk of infection.

CHARACTERISTICS:

- Garments made with SMS are a microbial barrier, since the fabric itself is capable of effectively blocking pathogenic germs in fluids due to its hydrophobic property, its efficiency being greater than 99%.
- The SMS is a material with a high resistance to tearing and has an excellent elongation, which guarantees mobility without risks, with a Weight of 10 -70 gr / meter².
- SMS is hypoallergenic, soft to the touch and air permeable.
- For these and other reasons, SMS is the most widely used material in the manufacture of all types of medical clothing.

**APPLICATIONS:**

Medical Protection: Surgical gown, protective clothing, patient clothing, operation cover, shoe cover, sheet, etc.

- **Sanitary and Health:** Baby diapers, feminine hygiene, sanitary napkins.
- **Bacterial Filtration:** As this fabric is waterproof, skin contact is avoided in surgical procedures with any type of contaminating fluids, thus offering an excellent barrier against the risk of infection.

TECHNICAL SPECIFICATION

PRODUCT: SMS 36

COLOR: sky blue

MATERIAL: 100% polypropylene

WIDTH: 150cm

TOUCH: MEDIUM SOFTNESS

	UNIT	AVERAGE	TOLERANCE
WEIGHT	g/m ²	27	Min 0.02/Max 0.02
<hr/>			
TENSILE STRENGTH	lb/in ² MD	37	50-57
	lb/in ² CD	33	38-45.6
	N/cm ² MD	155	168-232
	N/cm ² CD	156	145-178
<hr/>			
ELONGATION	%MD	83	73-83.5
	%CD	83	69-81

IMPORTANT NOTES

- The data written on this sheet are based on direct factory evaluations and minimal variations in tone, thickness and value can be expected.
- Our company does not control how this product is used, therefore we are not responsible for its incorrect use, manipulation or application.

DATA SHEET OF 3-LAYER, NO-PLEAT, FACE MASK & SMS SPECIFICATION

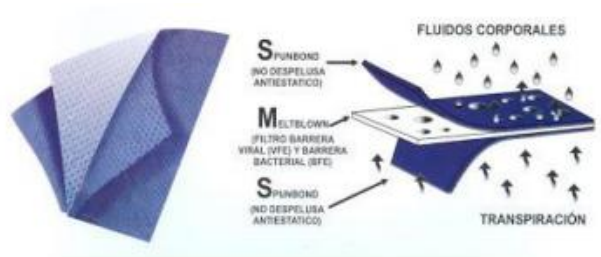


Face mask, not pleated, made with non-woven fabric SMS (3 layers) to 35 grams, color Indigo blue, medium softness touch, measuring 18 cm. wide X 19.5 cm. long, with ear loops made of a string of cotton and nylon covered lycra.

NONWOVEN SMS

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Al hacer este "sándwich" de 3 capas, se obtiene una tela mejorada puesto que se combinan y se suman las buenas propiedades de ambos tipos de telas. Esto se logra combinando los espesores o gramajes adecuados en ambos tipos de tela y ubicando la capa de meltblown en el centro y las capas de spunbonded externas, como se muestra en la siguiente imagen, podemos ver bien como bloquea a los fluidos, y del lado izquierdo se visualizan las tres capas perfectamente de la tela.



PROPERTIES:

- SMS is a totally antistatic material.
- Does not get moldy
- UV stabilizer
- Bacterial Filtration: As this fabric is impermeable to liquids, it offers an excellent barrier against the risk of infection.

CHARACTERISTICS:

- Garments made with SMS are a microbial barrier, since the fabric itself is capable of effectively blocking pathogenic germs in fluids due to its hydrophobic property, its efficiency being greater than 99%.
- The SMS is a material with a high resistance to tearing and has an excellent elongation, which guarantees mobility without risks, with a Weight of 10 -70 gr / meter².
- SMS is hypoallergenic, soft to the touch and air permeable.
- For these and other reasons, SMS is the most widely used material in the manufacture of all types of medical clothing.

APPLICATIONS:

Medical Protection: Surgical gown, protective clothing, patient clothing, operation cover, shoe cover, sheet, etc.

- **Sanitary and Health:** Baby diapers, feminine hygiene, sanitary napkins.
- **Bacterial Filtration:** As this fabric is waterproof, skin contact is avoided in surgical procedures with any type of contaminating fluids, thus offering an excellent barrier against the risk of infection.

TECHNICAL SPECIFICATION

PRODUCT: SMS 36

COLOR: sky blue

MATERIAL: 100% polypropylene

WIDTH: 150cm

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