

CHOOSE THE RIGHT SURGICAL MASK

Selecting the appropriate mask for a particular procedure is a critical component of your Personal Protective Equipment (PPE) selection. Although masks may look similar, each mask has notable differences affecting the performance and level of fluid resistance and particle filtration. Understanding the ASTM performance level of each face mask can help make the selection process easier and ensure your mask will provide the appropriate protection to minimize the spread of potentially infectious diseases. Medical face mask materials covered under ASTM specifications are designated as one or more of the following performance levels based on the barrier performance properties of the materials used:

Protection Over Preference

Safety is everyone's concern but your mask choice is on your own. With all of the key facts and safety factors in mind for facial protection, you can select an ASTM-rated mask that is right for you and protects the best


Follow The Leaders

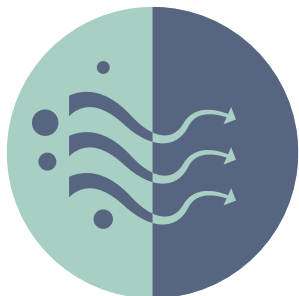
ASTM International sets the preferred international standard in healthcare for best practices inclusive of testing and requirements for performance of materials.

The FDA, who oversees the sale and marketing of all surgical masks, recommends that manufacturers demonstrate mask performance in 5 areas:

- Fluid Resistance
- Differential Pressure
- Filter Efficiency
- Flammability
- Bacterial Filtration

UNDERSTANDING ASTM LEVELS OF PROTECTION IS KEY

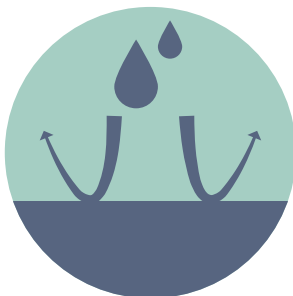
					
Characteristics	Resistance to penetration by synthetic blood, minimum pressure in mm Hg for pass result	Differential pressure, mm H ₂ O/cm ² (Breathability)	Bacterial Filtration efficiency	Sub-micron particulates filtration efficient at 0.1 micron	Flame Spread
ASTM F2100-11 Levels					
Level 1: Low Barrier Protection General use for short procedures and exams that don't involve aerosols, spray and fluids	80mm Hg	<4.0	≥95%	≥95%	Class 1
Level 2: Moderate Barrier Protection For low to moderate levels of aerosols, spray and/or fluids	120mm Hg	<5.0	≥98%	≥98%	Class 1
Level 3: Maximum Barrier Protection For Heavy Levels of aerosols, spray and/or fluids	160mm Hg	<5.0	≥98%	≥98%	Class 1



FILTRATION

Filter It

When you're around smoke or are interacting with a TB-infected patient, properly protect yourself with a high filtration mask (N95 Respirator).



FLUID RESISTANCE

In Matters of Splatter

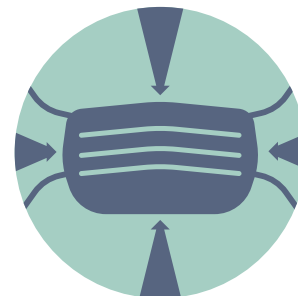
When at risk of encountering blood and/or bodily fluid splatter, wear the recommended ASTM Level 3 fluid-resistant mask and get the best protection for the OR.



FEEL

Bells and Whistles, Ties and Loops

Securement - loops or ties (Mask with ear loops are not recommend for the OR) **Anti-fog film, foam and tapes** reduce distraction from fogging issues **Shields and protective eyewear** keep eyes clear of blood and splash.



THE FIT IS IT

The Fit is It

Even the right masks not worn correctly could put you at risk. Nose and mouth must be covered completely. Create a seal around the face to prevent gaps that increase the risk of inhalation exposure,

FEEL

Bonus

Comfort & Breathability

Altor Surgical Masks are made with high quality USA made materials which makes them comfortable to wear for extended periods of time

EXAMPLES OF USE:



ASTM Level 1

General Public Usage that ensures your protection with 95% filtrations



ASTM Level 2

Hospital or High Exposure environment with 98% filtration



ASTM Level 3

Dental or Surgery, High-risk of fluid exposure with 98% filtration and increased level of Liquid Barrier protection