



M E D I C A L
P R O D U C T S
C A T A L O G



Choose the right mask for every procedure.

Different procedures require different levels of protection, and ASTM standards make it easy for your staff to get the ideal face mask for any procedure-and for every preference.

Measuring fluid resistance, filtration and breathability, ASTM categorizes masks into three levels.

ASTM Level 1

For procedures producing low amounts of fluid, spray and/or aerosols.



ASTM Level 2

For procedures producing light to moderate amounts of fluid, spray and/or aerosols.












ASTM Level 3

For procedures producing moderate to heavy amounts of fluid, spray and/or aerosols.



To meet ASTM standards, our masks undergo a series of tests for particle filtration (PFE), bacterial filtration (BFE) and differential pressure or breathability (ΔP).

	Level 1 Low fluids	Level 2 Light to moderate fluids	Level 3 Moderate to high fluids
PFE at 0.1 micron ASTM F2299	 $\geq 95\%$	 $\geq 98\%$	 $\geq 98\%$
BFE at 3.0 micron ASTM F2101	 $\geq 95\%$	 $\geq 98\%$	 $\geq 98\%$
Delta P (ΔP) mm H ₂ O/cm ² MIL-M-36954C	 < 4	 < 5	 < 5



Fluid Resistance

Tests penetration resistance to synthetic blood at three protection levels—80 mm Hg, 120 mm Hg and 160 mm Hg.



Particle Filtration Efficiency (PFE)

Assesses filtration ability when tested against sub-micron particulate matter 0.1 microns in size—which is representative of viruses.



Bacterial Filtration Efficiency (BFE)

Tests filtration ability against an aerosol containing bacteria 3.0 microns in size.

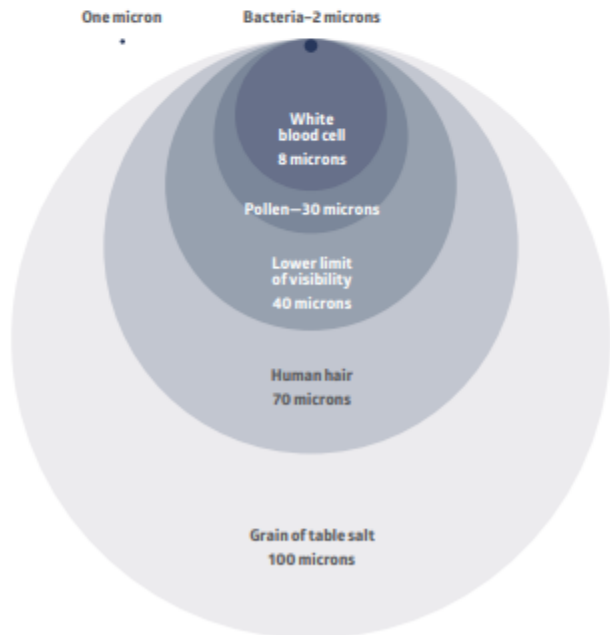


Differential Pressure (ΔP)

Gauges air flow from one side of a mask to the other, assessing breathability.

How small is a micron?

While an actual micron is not visible to the human eye, this magnified diagram demonstrates particulate size by comparing a micron to other common substances.



Scale is approximate.

Made for comfort and protection.

We know how much of your day is spent behind a mask, so we make ours with the most comfortable, effective materials possible.



Smooth Cellulose—used for inner and outer facings



Soft Spunbond Polypropylene—used for inner and outer facings and for an extra layer of protection



Silky Thermalbond Polypropylene—used for inner facings



Meltblown Middle Layer—acts as the primary filtration system for the mask





3PLY FACE MASKS

Premium High Quality
High Fluid Resistance
SINGLE USE ONLY



ASTM Level 3



Made in China – designed, quality checked and assembled in Canada. 