

# ASTM Chart

## Not all masks are created equal.

Know the key facts about ASTM-rated mask levels so you can ensure you have the right protection.

### LEVEL 1

- Low barrier protection
- For general use
- Not used for aerosols, spray or fluids

### LEVEL 2

- Moderate barrier protection
- Use for low to moderate levels of aerosols, spray and/or fluids

### LEVEL 3

- Maximum/high barrier protection
- Use for high levels of aerosols, spray and/or fluids

ASTM REQUIREMENTS	LEVEL 1	LEVEL 2	LEVEL 3
Particle Filtration Efficiency (PFE)	≥ 95% @ 0.1 micron	≥ 98% @ 0.1 micron	≥ 98% @ 0.1 micron
Bacteria Filtration Efficiency (BFE)	≥ 95% @ 3.0 microns	≥ 98% @ 3.0 microns	≥ 98% @ 3.0 microns
Breathability (Delta P)	<5 mm H <sub>2</sub> O/cm <sup>2</sup>	<6 mm H <sub>2</sub> O/cm <sup>2</sup>	<6 mm H <sub>2</sub> O/cm <sup>2</sup>
Fluid Resistance	≥ 80 mm Hg	≥ 120 mm Hg	≥ 160 mm Hg
Flame Spread	Class 1	Class 1	Class 1