



Choosing the appropriate mask for a particular task is essential. Although masks may appear similar, each type is uniquely manufactured and possesses different performance levels for fluid resistance, filtration efficiency, and ease of breathability.



KN95

Perfect for health care workers and first responders who treat patients with infectious respiratory diseases such as influenza.

Pictured: iMask™ Premium KN95 Face Masks Also available in Headband

MAXIMUM PERFORMANCE

Fluid Resistance: 160 mmHg
 Bacterial Filtration Efficiency: ≥95%
 Particle Filtration Efficiency: ≥95%
 Differential Pressure: ≥5.0 mm H₂O/cm²
 Flame Spread: Class 1



ASTM LEVEL 3

Ideal for any procedure where light to moderate amounts of fluid, spray, and airborne particles are expected.

Pictured: iMask™ Premium Earloop Face Masks Level 3 Also available in various colors

Fluid Resistance: 160 mmHg
 Bacterial Filtration Efficiency: ≥98%
 Particle Filtration Efficiency: ≥98%
 Differential Pressure: ≥5.0 mm H₂O/cm²
 Flame Spread: Class 1



ASTM LEVEL 3 WITH SHIELD

Perfect when heavy amounts of fluid, spray, and aerosols are expected and eye protection is needed.

Pictured: iMask™ Premium Earloop Face Masks Level 3 with Shield

Fluid Resistance: 160 mmHg
 Bacterial Filtration Efficiency: ≥95%
 Particle Filtration Efficiency: ≥95%
 Differential Pressure: ≥5.0 mm H₂O/cm²
 Full-Face Coverage: Yes
 Fog-Free Eye Shield: Yes



ASTM LEVEL 3 FOR KIDS

Ideal for any procedure where light to moderate amounts of fluid, spray, and airborne particles are expected.

Pictured: iMask™ Disposable Face Masks For Kids Level 3 Also available in boys and girls

Fluid Resistance: 160 mmHg
 Bacterial Filtration Efficiency: ≥98%
 Particle Filtration Efficiency: ≥98%
 Differential Pressure: ≥5.0 mm H₂O/cm²
 Flame Spread: Class 1



ASTM LEVEL 2

Ideal for any procedure where light to moderate amounts of fluid, spray, and airborne particles are expected.

Pictured: iMask™ Premium Earloop Face Masks Level 2 Also available in various colors

Fluid Resistance: 120 mmHg
 Bacterial Filtration Efficiency: ≥98%
 Particle Filtration Efficiency: ≥98%
 Differential Pressure: ≥5.0 mm H₂O/cm²
 Flame Spread: Class 1



ASTM LEVEL 1

Ideal for any procedure where light to moderate amounts of fluid, spray, and airborne particles are expected.

Pictured: iMask™ Premium Earloop Face Masks Level 1 Also available in various colors

Fluid Resistance: 80 mmHg
 Bacterial Filtration Efficiency: ≥95%
 Particle Filtration Efficiency: ≥95%
 Differential Pressure: ≥4.0 mm H₂O/cm²
 Flame Spread: Class 1



Disposable Protective Face Masks

Ideal for daily activities and office use as a comfortable physical barrier over the face.

Pictured: iMask™ Disposable Protective Face Masks

Tissue Utility Mask
 Physical Barrier Only
 Unrated Performance Levels
 Filtration Efficiency: N/A

UNDERSTANDING ASTM FACE MASK PERFORMANCE LEVELS

FEATURE	EXPLANATION
Fluid Resistance	Resistance of face masks to penetration by pressurized synthetic blood Higher resistance = Better protection
BFE - Bacterial Filtration Efficiency	Percentage of aerosol particulates filtered at a size of 3 microns Higher percentage = Better filtration
PFE - Particle Filtration Efficiency	Percentage of aerosol particulates filtered at a size of 0.1 micron Higher percentage = Better filtration
Differential Pressure	Resistance to airflow while wearing a face mask Higher resistance = Better filtration but less breathability
Flame Spread	Measurement of the material's propensity to burn and spread flame Lower class rating number = More difficult for flame to spread

Ordering Information

	ITEM#	DESCRIPTION	COLOR	QTY
KN95	MASK-95E	KN-95 Disposable Face Mask, Earloop	White	25 pcs/box
	MASK-95H	KN-95 Disposable Face Mask, Headband	White	25 pcs/box
Level 3 with Shield	MASKT-06ES	Premium Earloop Face Mask with Shield Level 3	Blue	25 pcs/box
Level 3	MASKT-06	Premium Earloop Face Mask Level 3	Blue	50 pcs/box
	MASKT-06BK	Premium Earloop Face Mask Level 3	Black	50 pcs/box
	MASKT-06L	Premium Earloop Face Mask Level 3	Lavender	50 pcs/box
	MASKT-06T	Premium Earloop Face Mask Level 3	Teal	50 pcs/box
	MASKT-06W	Premium Earloop Face Mask Level 3	White	50 pcs/box
Level 3 For Kids	MASKT-KB	Disposable Face Masks For Kids Level 3	White with animal prints	50 pcs/box
	MASKT-KG	Disposable Face Masks For Kids Level 3	White with animal prints	50 pcs/box
Level 2	MASKT-01	Premium Earloop Face Mask Level 2	Blue	50 pcs/box
	MASKT-01W	Premium Earloop Face Mask Level 2	White	50 pcs/box
	MASKT-01BK	Premium Earloop Face Mask Level 2	Black	50 pcs/box
	MASKT-01L	Premium Earloop Face Mask Level 2	Lavender	50 pcs/box
	MASKT-01T	Premium Earloop Face Mask Level 2	Teal	50 pcs/box
Level 2 Wide Earloop	MASKT-KB	Premium Wide Earloop Face Mask Level 2	Blue	50 pcs/box
	MASKT-KG	Premium Wide Earloop Face Mask Level 2	White	50 pcs/box
Level 1	MASKT-08	Premium Earloop Face Mask Level 1	Blue	50 pcs/box
	MASKT-08W	Premium Earloop Face Mask Level 1	White	50 pcs/box
	MASKT-08BK	Premium Earloop Face Mask Level 1	Black	50 pcs/box
	MASKT-08L	Premium Earloop Face Mask Level 1	Lavender	50 pcs/box
	MASKT-08T	Premium Earloop Face Mask Level 1	Teal	50 pcs/box
N/A	MASKT-03	Disposable Protective Face Mask	Blue	50 pcs/box
Accessory	MASKT-EXT	Mask Extender Straps	Assorted colors	10 pcs/pk

How to Properly Wear Your Face Mask



1. Hold mask with pleats facing away from you and the nosepiece on top.



2. Pull earloops tight around ears and pull mask down under chin.



3. Adjust nosepiece to fit comfortably and securely over nose bridge.



4. Dispose used masks safely by handling the straps.

Face Mask Comparison

	Disposable Protective Face Mask	ASTM Surgical Face Mask	KN95 Respirator
Intended Use and Purpose	<ul style="list-style-type: none"> • Simple physical barrier • Protects wearer during daily activities and office work 	<ul style="list-style-type: none"> • Fluid resistant • Protects wearer from sprays, splashes, and aerosols of body fluids • Filters micron-sized particles 	<ul style="list-style-type: none"> • Fluid resistant • Protects wearers who are in close proximity to those who have infectious respiratory diseases • Reduces exposure to micron and submicron aerosolized particles
Filtration	Unrated	Denoted by ASTM level	Filters at least 95% of non-oil based airborne particles
Fluid Resistance	Unrated	Denoted by ASTM level	160 mmHg
Leakage	Leakage around edges of mask	Some leakage around edges of mask	Minimal leakage when mask is properly worn and fitted
Breathability	High	Moderate	Low
Straps	Stapleless ultrasonic-welded earloops	Stapleless ultrasonic-welded earloops	Stapleless ultrasonic-welded earloops or headbands
Fit	Loose-fitting	Loose-fitting	Tight-fitting
Seal Check Requirement	No	No	Yes
Flame Spread	Unrated	Class 1	Class 1

SOURCE: ¹American Society for Testing and Materials Standard Specification for Performance of Materials Used in Medical Face Masks. ASTM F2100-11(2018) Standard. ²American Society for Testing and Materials Standard Test Method for Resistance of Medical Face Masks to Penetration by Synthetic Blood (Horizontal Projection of Fixed Volume at a Known Velocity). ASTM F1862/F1862M-17 Test.

Follow CDC guidelines for wearing face masks. Face coverings act as a physical barrier to help prevent the spread of respiratory disease by hindering infectious aerosol particles or droplets from traveling into the air and onto other people when the wearer coughs, sneezes, or talks. This protection is only effective when the mask covers both the nose and mouth. The outside of masks is likely to become contaminated during wear. Do not touch the outer surface with wet gloves or hands. Such cross-contamination may put the mask barrier in jeopardy by increasing migration of germs through the mask layers. CAUTION: Face masks should not be worn by children under 2 years of age, anyone who has trouble breathing, or by those who are unconscious, incapacitated, or unable to remove the mask without assistance.

Pac-Dent, Inc. makes no expressed or implied guarantee that these products will fully protect the user from exposure to hazardous fluids or prevent the contracting of infectious diseases. It is the employer's due diligence to select the appropriate protective mask to meet the expected level of exposure in accordance with OSHA regulations.

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