

# KIMTECH™

## Kimtech™ M3 Pleat-Style Face Mask



Designed to **reduce contamination**

Excellent **bacterial and particle filtration**

**Flexible and comfortable fit**  
with earloops or ties

### Kimtech™ M3 Pleat-Style Face Masks

offer advanced levels of comfort and safety in the cleanroom, providing seamless protection when and where it counts. Suitable for use in ISO 3 or higher cleanroom environments and laboratories, the pleat-style face masks are made from a protective low-lint polyethylene film outer layer and are suitable for non-sterile applications.

Our certified M3 face masks are specially designed to reduce the risk of contamination while offering greater comfort when compared with other traditional pleated design masks. They include flexible fit features, such as our comfortable and easy-to-use earloops or soft ties with a fully enclosed bendable

nosepiece, which ensure the wearer can focus on work instead of their protective equipment. The masks are free of latex and silicone, reducing the potential of skin irritation. They have excellent bacterial and particle filtration combined with good breathability.

These double bagged face masks are popular for a variety of environments, including those for semiconductors, disk drives, data storage and integrated circuits. In addition, our M3 face masks are manufactured in an FDA-compliant facility to ensure safety and regulatory compliance and are provided with all relevant supporting technical information.

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## Kimtech™ M3 Pleat-Style Face Mask

Mask with ties



Mask with earloops



- Comfortable fit
- Soft, bendable nosepiece
- Low-linting polyethylene outer layer
- Latex and silicone free

### Key Features

- Excellent bacterial and particle filtration efficiency
- Ultra sonically bonded earloops or soft ties and a fully enclosed, soft, bendable nosepiece
- Made of a low-linting polyethylene outer layer for enhanced protection and a soft inner-facing fabric
- Contains no natural rubber latex or silicone, reducing the risks of skin irritation for the wearer
- Recommended for ISO Class 3 and higher clean room environments

Kimtech™ M3 Pleat-Style Face Mask  
(Polypropylene Filter)

Code	Description	Length	Colour	Total/Case
62465	Earloops	18 cm	White	50 masks/bag, 10 bags/case = 500 masks
62466	Soft Ties	18 cm	White	50 masks/bag, 10 bags/case = 500 masks

Kimtech™ M3 Pleat-Style Face Mask  
(Polyester Filter)

Code	Description	Length	Colour	Total/Case
62451	Earloops	23 cm	White	50 masks/bag, 10 bags/case = 500 masks
62452	Soft Ties	23 cm	White	50 masks/bag, 10 bags/case = 500 masks

### Physical Properties

Fabric Test	Test Method	Result	
		62465	62466
Bacterial Filtration Efficiency (BFE) @0.3µm	ASTM F2101	≥99%	≥99%
Particle Filtration Efficiency (PFE) @0.5µm	ASTM F2299	≥99%	≥99%
Particle Filtration Efficiency (PFE) @0.1µm	ASTM F2299	≥99%	≥99%
Differential Pressure (Dp) mm H <sub>2</sub> O/cm <sup>2</sup>	ASTM F2100	<5	<5
Particle Generation ≥0.5µm (Helmke Drum)	IEST RP-CC003.4	Cat I (<300)	Cat I (<600)

### Physical Properties

Fabric Test	Test Method	Result	
		62451	62452
Bacterial Filtration Efficiency (BFE) @0.3µm	ASTM F2101	≥89%	≥89%
Particle Filtration Efficiency (PFE) @0.1µm	ASTM F2299	≥84%	≥84%
Differential Pressure (Dp) mm H <sub>2</sub> O/cm <sup>2</sup>	MIL-M-36954C	<2.5	<2.5
Particle Generation ≥0.5µm (Helmke Drum)	IEST RP-CC003.4	Cat I (<320)	Cat I (<480)

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