

Intended Use

TECHNICAL DATA SHEET


Ear loop Face Mask: ASTM F2100 Level 1 Barrier Protection

Procedure masks are intended to be worn by personnel during medical procedures to protect both the patient and the operating personnel from transfer of microorganisms, body fluids and particulate material transfer. Latex free.

ASTM F 2100 – Level 1 Barrier Protection		
Characteristic	Testing Method	Acceptable Limits
Bacterial Filtration Efficiency (BFE)	ASTM F2101	BFE @ 3.0 µm large Bacteria ≥ 95%
Differential Pressure (ΔP)	MIL-M-36954C	ΔP < 4.0 mm of H2O/cm2
Particulate Filtration Efficiency (PFE)	ASTM F2299	PFE @ 0.1 µm large Latex particles ≥ 95%
Fluid Resistance	ASTM F1862	Resistant @ 80mmHg
Textile Flammability	16 CFR 1610	Class I flame spread

Characteristic	Specification		
Materials	Mask	Outer layer	PP Spunbond Fabric
		Filter Layer	PP Melt Blown fabric
		Inner Material	PP Spunbond Fabric
	Ear loop	Polyester and Spandex	
Description	Rectangular face mask with two ear loops present, one on each side, in order to hold mask in place.		
Dimension	Mask Size	Length	175mm (± 10mm)
		Width	95mm (± 10mm)
	Length of Ear loop	Regular	200mm (± 10mm)
	Pleat Depth	15mm (± 5mm)	

Additional Information

Storage Condition	Country of Origin
Store under cool, clean, and dry conditions. Avoid excessive heat (over 40°C or 104°F)	

Specification for Face Mask; Size (175mm x 95mm)

Our Mask contain their layer as shown in below Picture;

1. First Layer SB -25gsm which was produce for higher tensile strength on MD/CD direction. Which will allow higher tear strength while using.
2. Second Layer consist 28gsm MB layer which was produce with mix fiber denier to block 95% of very small test particles. As well due the mixture of fiber micron size, it allows higher air permeability (easy breathability) and higher water resistance.
3. Third layer are produced with latest German Nonwoven technology 25 gsm SMS which very soft and comfortable to ware.
4. Other Specification;

*3 ply Surgical Face Mask Disposable, Without Glass Fibers
Hypoallergenic, Very Low Resistance for Breathing, Nose Bar
adaptable, High Filtration Capacity, Perfect Fitting*

