

TECHNICAL DATA SHEET
Earloop Face Mask: ASTM F2100 Level 3 Barrier Protection
Intended Use

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. Latex free.

ASTM F 2100 – Level 3 Barrier Protection		
Characteristic	Testing Methodology	Acceptable Limits
Bacterial Filtration Efficiency (BFE)	ASTM F2101	BFE @ 3.0 µm large Bacteria ≥ 98%
Differential Pressure (ΔP)	EN 14683	ΔP < 6.0 mm of H ₂ O/cm ²
Particulate Filtration Efficiency (PFE)	ASTM F2299	PFE @ 0.1 µm large Latex particules ≥ 98%
Fluid Resistance	ASTM F1862	Resistant @ 160mmHg
Textile Flammability	16 CFR 1610	Class I flame spread

Characteristic		Specification	
Material Composition	Mask Body	Outer Material	Spunbond Polypropylene (SBPP)
		Filter Layers	Melt Blown Polypropylene (MBPP) and Antibacterial cloth
		Inner Material	Spunbond Polypropylene (SBPP)
	Nosepiece	Galvanized Iron Wire	
	Earloop	Spandex Fiber	
Description	Omega pleats rectangular face masks with a shapeable nosepiece and two earloops present, one on each side, in order to hold mask in place.		
Earloop Style	Round knitted earloop		
Color	Refer to Appendix 1		
Dimension	Body Size	Length	175 mm (6 7/8")
		Width	95 mm (3 3/4")
	Length of Earloop	Regular	180 mm (7 3/32")
	Upper Pleat Depth*	11 mm (7/16")	
	Lower Pleat Depth*	8 mm (5/16")	
	Length of Nosepiece	90 mm (3 35/64")	

* Measured on the outer material by inserting the ruler inside the pleat.

Measurement Diagram

Pleat Depth Measurement



Upper Pleat Depth



Lower Pleat Depth

Product Image



Additional Information

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

Appendix 1 List of Item Codes and Attributes

Appendix 1 (List of items)

AMD Medicom Inc.

Item Code	Description	Packaging Information	Color	Treatment
410HAB	Hedy SoftMask Defender Procedure Earloop Mask, Level 3	50 Masks/Box, 6 Boxes/Case, 300 Masks/Case	Blue	Non-Sterile
410HAG	Hedy SoftMask Defender Procedure Earloop Mask, Level 3	50 Masks/Box, 6 Boxes/Case, 300 Masks/Case	Green	Non-Sterile
410HAP	Hedy SoftMask Defender Procedure Earloop Mask, Level 3	50 Masks/Box, 6 Boxes/Case, 300 Masks/Case	Pink	Non-Sterile
410HAW	Hedy SoftMask Defender Procedure Earloop Mask, Level 3	50 Masks/Box, 6 Boxes/Case, 300 Masks/Case	White	Non-Sterile