



# BioClean 100™

## CLEANROOM FACEMASKS

MTA  
MEA



**BioClean 100™** cleanroom facemasks are designed to meet the demands of the most exacting operating environments. Manufactured and packed in an ISO Class 4 cleanroom they are made in tie-on and looped variants to suit all user requirements.

These facemasks are 210mm in width to provide superior protection, and are clearly marked to differentiate the inner and outer surfaces. Rigorously tested, they provide industry leading levels of particle and bacterial filtration efficiency, combined with excellent breathability. The extra length conformable noseband ensures wearer comfort, and all variants are 100% latex-free to ensure no latex allergy problems.

They are available in sterile and non-sterile formats and are manufactured from high performance materials to ensure excellent seam strength and low particle shedding. Sterile masks are individually packed and have minimal odour after sterilisation due to the use of high tech proprietary materials. Non-sterile facemasks are available either individually or bulk packed to suit user requirements.

The MEA 210-1 sterile cleanroom looped facemasks & MEA 210-2 individually packed, non-sterile version are now supplied with clips to give the user the option to wear as a head-loop or as a normal ear-loop facemask if preferred. The clip is pre-attached for convenience in use. Separate clips are available for the MEA 210-0 bulk packed looped facemasks.

*“Low Shedding & Excellent Breathability!”*

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Colour:	White.		
Style/Type:	MEA:	Earloops.	
	MTA:	Tie-on.	
Size:	210mm length. 90mm width.		
Construction:	3 ply - Ultrasonic sealing. Non-woven outer facing: Filter layer: Non-woven inner facing: Earloops: Ties:	<b>Non-sterile</b> Hydrophobic Polypropylene/PE Meltblown Polypropylene Hydrophilic Polypropylene/PE Polyurethane Polypropylene	<b>Sterile</b> Hydrophobic Polyester Meltblown Polyester Hydrophilic Polypropylene/PE Polyurethane Polyester
Sterilisation Method:	Where applicable - Gamma Irradiation.		
Protein Level:	No latex proteins.		
Physical Properties:	Particle filtration efficiency (PFE):	Non-sterile: >98%	Sterile: >96%
	Bacterial filtration efficiency (BFE):	Non-sterile: >97%	Sterile: >94%
	Pressure drop (Delta P):	Non-sterile: 2.7	Sterile: 3.2
Packing:	Bagged.		
Particle Shedding Analysis:	Average Particle Count = 19/minute (Particle size: 0.2 - 5.0 microns).		
Test method:	ASTM F51-68 (1989).		
Quality Systems:	Produced in a facility registered to ISO 9001:2000 and ISO 13485:2003.		
Sampling & Inspection:	In accordance with ISO 2859 standard procedures.		
Storage Instructions:	Store in a cool dry place (5°C - 35°C) away from direct sunlight and fluorescent light.		
Shelf Life:	Five (5) years from date of manufacture.		
Lot Number:	This appears on all the bags and the outer carton to provide traceability.		
Product Codes & Packaging:	As below:		

	TIE-ON		LOOPED		
	non-sterile	sterile		non-sterile	sterile
Bulk Pack	MTA 210-0		Bulk Pack	MEA 210-0	
Single Pack	MTA 210-2	MTA 210-1	Single Pack	*MEA 210-2 with clips	MEA 210-1 with clips

**\* All items marked are available against special order only.**

<b>Bulk Packing:</b>	<b>Tie-on (non-sterile)</b> 50 pieces per sealed inner bag; 1 inner bag per sealed outer bag; 16 outer bags per carton (800 pieces)	<b>Looped (non-sterile)</b> 100 pieces per sealed inner bag; 1 inner bag per sealed outer bag; 20 outer bags per carton (2000 pieces)
<b>Individual (Single) Packing:</b>	<b>Tie-on (sterile &amp; non-sterile)</b> 1 piece per sealed pouch; 50 pouches per sealed outer bag; 10 outer bags per carton (500 pieces)	<b>Looped (sterile &amp; non-sterile)</b> 1 piece per sealed pouch; 50 pouches per sealed outer bag; 12 outer bags per carton (600 pieces)

**"Low Shedding & Excellent Breathability!"**

MEAMHANTAPDS



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