



# Isofield Peta 230

Non-Sterile Earloop  
Cleanroom Facemask with Clip

Last updated **04 Apr 2024**

<b>PRODUCT CODE</b>	<b>REF 60210</b>	
	SIZE UNIVERSAL	

## PRODUCT INFO

Non-sterile earloop Cleanroom facemask with clip  
230mm length with a malleable nose strip, providing a secure fit and full face coverage  
3-layer non-woven configuration  
Highly efficient bacterial and particle filtration  
Particle Shedding (Helmke Drum) Category I  
Individually packed to maintain low CFU count  
IPA resistant ink pouches to maintain traceability

## CLEANROOM COMPATIBILITY

ISO Class 4 cleanroom  
ISO Class 5 cleanroom  
Class 10 cleanroom  
Class 100 cleanroom

## QUALITY ASSURANCE

Manufactured in a facility operating under an ISO 9001:2015 quality management system  
Processed in a NEBB certified ISO Class 5 cleanroom

## APPLICATIONS

Micro electronic component manufacture  
Wafer fabrication and semiconductor assembly  
Medical device manufacturing areas  
Cleaning of equipment after blending  
Removal and cooling of items from heat sterilizers

## STORAGE & SHELF LIFE

Store in a cool, dry place (<40°C) away from direct sunlight  
Do not expose open cartons to prolonged direct fluorescent light  
Five (5) years from date of manufacture

## PACKAGING

1 piece (with green clip) per sealed inner PE bag,  
50 inner bags per sealed outer PE bag,  
12 outer bags per lined carton (600 pieces)

## PHYSICAL PROPERTIES

LENGTH	WIDTH	COLOUR	STYLE
230mm (± 5mm)	95mm (± 5mm)	White	Earloop with clip

## MATERIALS

Outer layer	Non-woven polypropylene / polyethylene
Filtration layer	Non-woven meltblown polypropylene
Inner facing layer	Non-woven polypropylene / polyethylene
Earloops	Non-woven knitted earloops with green polypropylene clip fastener

## FILTRATION PROPERTIES

Particle Filtration Efficiency (PFE) @ 0.1 Micron	99.81%
Bacterial Filtration Efficiency (BFE) @ 0.3 Micron	99.90%
Differential Pressure ( $\Delta P$ ), mm H <sub>2</sub> O/cm <sup>2</sup>	4.5

## TECHNICAL PROPERTIES

NORM	TEST REFERENCE	EXPLANATION
Particle Generation Test by Helmke Drum	IEST-RP-CC003.4	Specifies methods for particle shed analysis in Helmke Drum applications



## LOADING

	EURO-PALLET	STANDARD PALLET
Pallet size	W80 L120cm	W100 L120cm
Gross weight	4.76kg	4.76kg
Carton size	W29.5 L47 H21cm	W29.5 L47 H21cm
Nett weight	2.96kg	2.96kg
Air freight pallet	Max height: 141cm Layers: 6 Cartons: 34	Max height: 141cm Layers: 6 Cartons: 42
Sea freight pallet	Max height: 162cm Layers: 7 Cartons: 40	Max height: 162cm Layers: 7 Cartons: 49

## DOCUMENTATION



**CERTIFICATE OF CONFORMANCE (COC)  
CERTIFICATE OF ANALYSIS (COA)**  
View [sample](#) of COC & COA



**FACTORY RELATED CERTIFICATIONS**  
To request ISO9001 Certificate,  
please [email us](#)

Country of origin: **China**  
HS Code: 6307909000

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