



# Isofield Zetta 230

## Non-Sterile Tie-On Cleanroom Facemask

Last updated 25 Mar 2024

PRODUCT CODE	REF <b>60330</b>	
	SIZE UNIVERSAL	

### PRODUCT INFO

Non-sterile tie-on Cleanroom facemask  
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 pieces per sealed inner PE bag,  
50 inner bag per sealed outer PE bag,  
10 outer bags per lined carton (500 pieces)

## PHYSICAL PROPERTIES

LENGTH	WIDTH	COLOUR	STYLE
230mm (± 5mm)	95mm (± 5mm)	White	Tie-On

## MATERIALS

Outer layer	Non-woven polypropylene / polyethylene
Filtration Layer	Non-woven meltblown polypropylene
Inner facing layer	Non-woven polypropylene / polyethylene
Tie-tapes	Non-woven spunbond polypropylene

## 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	4.32kg	4.32kg
Carton size	W29.5 L47 H21cm	W29.5 L47 H21cm
Nett weight	2.52kg	2.52kg
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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