



Isofield Atto 230

Irradiated Tie-On Cleanroom Facemask with Anti-Fog Visor

Last updated 28 Mar 2024

PRODUCT CODE	REF 60521	
	SIZE UNIVERSAL	

PRODUCT INFO

Irradiated tie-on Cleanroom facemask with anti-fog visor
3-layer non-woven configuration
Threaded top ties to ensure secure fit to face
Anti-fog-coated visor
Highly efficient bacterial and particle filtration
Particle Shedding (Helmke Drum) Category I*
IPA resistant ink pouches to maintain traceability

*mask only

CLEANROOM COMPATIBILITY

GMP Grade A cleanroom
GMP Grade B cleanroom
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

Pharmaceutical product preparation
Cleanroom cleaning
Medical device manufacturing
Blending operations
Handling of active materials
Cleanroom equipment maintenance

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 per sealed inner PE bag,
25 inner bags per sealed outer PE bag,
8 outer bags per lined carton (200 pieces)

PHYSICAL PROPERTIES

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

MATERIALS

Outer layer	Non-woven spunbond polyester
Filtration Layer	Non-woven meltblown polyester
Inner facing layer	Non-woven polypropylene / polyethylene
Tie-tapes	Non-woven polyester
Visor	Anti-fog PET

FILTRATION PROPERTIES

Particle Filtration Efficiency (PFE) @ 0.1 Micron	94%
Bacterial Filtration Efficiency (BFE) @ 0.3 Micron	97%
Differential Pressure (ΔP), mm H ₂ O/cm ²	6.8

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
Sterilization	EN ISO 11137	Product irradiated and provided with Certificate Of Irradiation (COI)

*Test performed on mask only



LOADING

	EURO-PALLET	STANDARD PALLET
Pallet size	W80 L120cm	W100 L120cm
Gross weight	5.02kg	5.02kg
Carton size	W28 L32 H30cm	W28 L32 H30cm
Nett weight	3.22kg	3.22kg
Air freight pallet	Max height: 135cm Layers: 4 Cartons: 32	Max height: 135cm Layers: 4 Cartons: 48
Sea freight pallet	Max height: 165cm Layers: 5 Cartons: 40	Max height: 165cm Layers: 5 Cartons: 60

DOCUMENTATION



CERTIFICATE OF CONFORMANCE (COC)
CERTIFICATE OF ANALYSIS (COA)
CERTIFICATE OF IRRADIATION (COI)

View [sample](#) of COC, COA, COI



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

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

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