Isofield Horizon Hood with Facemask

Non-Sterile Cleanroom Hood with Facemask



PRODUCT INFO

Postbox hood design & Integrated facemask with ties

Half-face elastic for additional comfort

Flat-top design ensures excellent forehead coverage

Class 1 for cleanliness, static-dissipative

STORAGE & SHELF LIFE

Store in a dry, cool place (<40°C) away from direct sunlight

Do not expose open cartons to prolonged direct fluorescent light

Five (5) years from date of manufacture

APPLICATIONS

Medical device production and assembly

Cleanroom cleaning & preparation

Semiconductor & wafer fabrication

Electric vehicle (EV) & battery assembly

CLEANROOM COMPATIBILITY

ISO Class 4 cleanroom
ISO Class 5 cleanroom

Class 10 cleanroom
Class 100 cleanroom

QUALITY ASSURANCE

Manufactured in a facility operating under ISO 9001:2015 quality management system

Processed in a NEBB certified ISO Class 5 cleanroom

PACKAGING

20 pieces per double bag,

7 outer bags per carton liner with twist tie

140 pieces per carton

Aseptic fold

PRODUCT CODE

REF **80910**

UNIVERSAL SIZE

40°C

LATEX

Last updated **20 Oct 2026**

MATERIAL PERFORMANCE PARAMETERS (HOOD)

DESCRIPTION	UNITS	METHOD	SPECIFICATION	TYPICAL
Basic weight PP/PE film laminate	g/m^2	ISO 9073-1-1989	±2	60
Hydrostatic head	mmH_20	ISO 811-1981	≥100	213
Air permeability	$l/m^2/S$	GB/T5453	≥	2000
Surface resistivity	Ω	ASTM D257	Static dissipative	10^{10}

HELMKE DRUM TEST RESULT CLASS 1

PARTICLE SIZE	CUMULATIVE RELEASE RATE (COUNTS/MIN)	SPECIFICATION	CLASS	TEST METHOD
≥ 0.3µm	743*	Less than 2,000	1	IEST-RP-CC003.4
≥ 0.5µm	318*	2,000 - 20,000	1	IEST-RP-CC003.4
≥ 5.0µm	43*	20,000 - 200,000	1	IEST-RP-CC003.4

*Typical results

PERMEATION TEST AGAINST CHEMO DRUGS

CHEMOTHERAPY DRUGS	BREAKTHROUGH TIME	TEST METHOD
Carmustine	30 min	ASTM F739-20
Cisplatin	> 480 min	ASTM F739-20
Cyclophosphamide	> 480 min	ASTM F739-20
Doxorubicin HCl	> 480 min	ASTM F739-20
Etoposide	> 480 min	ASTM F739-20
Fluorouracil	> 480 min	ASTM F739-20
Methotrexate	> 480 min	ASTM F739-20
Paclitaxel	> 480 min	ASTM F739-20
Thiotepa	60 min	ASTM F739-20

*Results achieved under controlled laboratory conditions, by accredited ISO 17025 third party testing laboratory
*Mask not tested

FACEMASK 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

TECHNICAL PROPERTIES

TEST REFERENCE	EXPLANATION	TEST RESULTS	
EN 14325:2004 EN ISO 6530:2005	Repellency to chemicals	10% Sodium hydroxide	Level 3
		30% Sulphuric acid	Level 3
		O-Xylene	Level 2
		Butan-1-ol	Level 2
		70% Isopropyl alcohol	Level 2
		70% Ethanol	Level 2
EN 14325:2004 EN ISO 6530:2005	Resistance to penetration by chemicals	10% Sodium hydroxide	Level 3
		30% Sulphuric acid	Level 3
		O-Xylene	Level 3
		Butan-1-ol	Level 3
		70% Isopropyl alcohol	Level 3
		70% Ethanol	Level 3
EN 14325:2004 EN ISO 9073-4:1997	Trapezoidal tear resistance	Machine direction	Class 2
		Cross direction	Class 2
EN 14325:2004 EN ISO 13934-1:2013	Tensile strength	Machine direction	Class 1
		Cross direction	Class 2
EN 14325:2004 EN ISO 12947-2:2016	Abrasion resistance	Class 2	
EN 14325:2004 EN ISO 7854:1997, Method B	Flex cracking resistance	Class 6	
EN 14325:2004 EN 863:1995	Puncture resistance	Class 1	
EN 14325:2004 [5.5]	Seam strength	Class 2	
EN 13034:2015 + A1:2009 ISO 17491-4:2008 (Type PB6)	Chemical protective coveralls have been tested to the whole suit test and Type PB(6) hoods and sleeves have not been tested to the whole suit test	-	
In-house AQL 1.5	Test plan for major defect	Pass	

LOADING

	EURO-PALLET	STANDARD PALLET
Pallet size	W80 L120cm	W100 L120cm
Gross weight	5.82kg	5.82kg
Carton size	W28 L43 H31cm	W28 L43 H31cm
Nett weight	4.82kg	4.82kg
Air freight pallet	Max height: 139cm Layers: 4 Cartons: 24	Max height: 139cm Layers: 4 Cartons: 32
Sea freight pallet	Max height: 170cm Layers: 5 Cartons: 30	Max height: 170cm Layers: 5 Cartons: 40

DOCUMENTATION

CERTIFICATE OF CONFORMANCE (COC)
CERTIFICATE OF ANALYSIS (COA)
CERTIFICATE OF PROCESSING (COP)

View sample of COC, COA, COP

FACTORY RELATED CERTIFICATIONS

To request ISO9001 Certificate, please email us



Country of Origin: China
HS Code: 6210109000

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EUROPE

ISOFIELD (IRELAND) LTD
Charter House, 5 Pembroke Row, Dublin 2
Dublin, D02 FW61, Ireland

ASIA

ISOFIELD SDN BHD
6 Jalan Gudang 16/9, Seksyen 16, 40200, Shah Alam,
Selangor, Malaysia, T +603 5512 1709

CONTACT

www.isofield.com
enquiries@isofield.com