



Isofield Gecko

300mm (12") Non-Sterile Nitrile Cleanroom Gloves

Last updated **06 Feb 2026**

PRODUCT CODE	REF	XSMALL	20830XS	LARGE	20830L	
	20830	SMALL	20830S	XLARGE	20830XL	
		MEDIUM	20830M	XXLARGE	20830XXL	

PRODUCT INFO

Non-sterile nitrile Cleanroom gloves
 300mm (12")
 Ambidextrous
 Neon green colour
 Textured fingers
 Beaded cuff
 Low endotoxin levels
 Food Safe. Complies with limits established under regulation (EU) No 10/2011
 Accelerator-free
 Tested against a range of chemotherapy drugs

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
 Physical properties comply with European medical glove standard EN 455-2:2015

APPLICATIONS

Material weighing and dispensing in Grade C cleanrooms
 Equipment setup and assembly in Grade D preparation zones
 Environmental monitoring sample handling
 Component bagging and transfer between controlled areas
 Wafer inspection and packaging operations
 PCB assembly and conformal coating work

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

PACKAGING

100 gloves per sealed inner PE bag,
 1 inner PE bag per sealed outer PE bag,
 10 outer bags per lined carton (1000 pieces)

PHYSICAL PROPERTIES

THICKNESS, SINGLE WALL	MM*	MILS	TEST METHOD
Finger tip	0.16	6.30	EN 455-2:2015
Palm	0.14	5.51	EN 455-2:2015
Cuff	0.09	3.54	EN 455-2:2015

* +/- 0.02mm

LENGTH	MIN	TYPICAL	TEST METHOD
From tip of middle finger to edge of cuff	290mm	300mm	EN ISO 21420:2020

STRENGTH PROPERTIES	FORCE AT BREAK	TEST METHOD
Throughout shelf life	≥ 6.0 N	EN 455-2:2015

FREEDOM FROM HOLES	PERFORMANCE	TEST METHOD
Acceptable Quality Level (AQL)	1.5 - Level 3 of 3	EN 374-2:2016

CLEANLINESS PROPERTIES

PARTICLES	TYPICAL PARTICLE COUNT	TEST METHOD
≥ 0.5µm (counts/cm ²)	< 900	IEST-RP-CC005.4

EXTRACTABLES (ION)	TYPICAL VALUE (µg/cm ²)	TEST METHOD
Fluoride (F)	ND	IEST-RP-CC005.4
Chloride (Cl)	0.110	IEST-RP-CC005.4
Bromide (Br)	ND	IEST-RP-CC005.4
Nitrate (NO ₃)	0.318	IEST-RP-CC005.4
Phosphate (PO ₄)	ND	IEST-RP-CC005.4
Sulphate (SO ₄)	0.021	IEST-RP-CC005.4
Sodium (Na)	0.006	IEST-RP-CC005.4
Ammonium (NH ₄)	0.014	IEST-RP-CC005.4
Potassium (K)	0.034	IEST-RP-CC005.4
Calcium (Ca)	0.522	IEST-RP-CC005.4
Magnesium (Mg)	ND	IEST-RP-CC005.4
Zinc (Zn)	ND	IEST-RP-CC005.4

* ND = Not Detected



PERMEATION TEST AGAINST CHEMO DRUGS

CHEMOTHERAPY DRUGS	BREAKTHROUGH TIME (MINS)	TEST METHOD
Carmustine	48 min	ASTM D6978-05
Cisplatin	> 240 min	ASTM D6978-05
Cyclophosphamide	> 240 min	ASTM D6978-05
Doxorubicin HCl	> 240 min	ASTM D6978-05
Etoposide	> 240 min	ASTM D6978-05
Fluorouracil	> 240 min	ASTM D6978-05
Methotrexate	> 240 min	ASTM D6978-05
Paclitaxel	> 240 min	ASTM D6978-05
Thiotepa	108 min	ASTM D6978-05

TECHNICAL PROPERTIES

NORM	TEST REFERENCE	EXPLANATION
Chemical innocuousness	EN ISO 21420:2020	Ensures the gloves do not adversely affect the health of the user. The materials present in the gloves must not release substances that are toxic.
Sizing & dexterity	EN ISO 21420:2020 and EN ISO 374-2:2019	Determines sizing compliance and glove dexterity
Air leak & water leak	EN ISO 374-2:2019	Assesses the resistance of the glove to penetration
Chemical degradation	EN ISO 374-4:2019	Determines the resistance to degradation by dangerous chemicals
Chemical permeation	EN 16523-1:2015+A1:2018	Determines the resistance of protective glove materials to permeation by potentially hazardous non-gaseous chemicals
Viral penetration	EN 16604:2004	Assesses the resistance of glove materials to penetration by blood-borne pathogens
Endotoxin test	EN 455-3, USP	Specifies requirements for the evaluation of biological safety for gloves
Permeation based on Chemotherapy Drugs	ASTM D6978-05 (2019)	Assesses the resistance of glove materials to permeation by potentially hazardous chemotherapy drugs

LOADING

	EURO-PALLET	STANDARD PALLET
Pallet size	W80 L120cm	W100 L120cm
Gross weight	6.3 - 8.3kg	6.3 - 8.3kg
Carton size	W28 L32 H30cm	W28 L32 H30cm
Nett weight	4.5 - 6.5kg	4.5 - 6.5kg
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)

Please [email us](#)



DECLARATION OF CONFORMITY (DOC)
Please [email us](#)



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

Made in Malaysia
HS Code: 4015199000

This data sheet and any other claims made by or on behalf of Isofield shall not be taken as a warranty of merchantability or as a statement that any Isofield products are suitable for a specific purpose. Isofield shall not be held responsible for the end user's choice of product for a particular application.

EUROPE

ISOFIELD (IRELAND) LTD
Charter House, 5 Pembroke Row, Dublin 2
Dublin, D02FW61, 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
info@isofield.com