Isofield®
Protecting Life Science



Isofield NS300

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

Last updated **20 Oct 2026**

PRODUCT CODE	REF		
	20130	XSMALL	20130 XS
		SMALL	20130 S
		MEDIUM	20130 M
		LARGE	20130 L
		XLARGE	20130 XL
		2XLARGE	20130 2XL

CE 2797 AQL 1.5

PRODUCT INFO

Non-sterile nitrile Cleanroom gloves
300mm (12”)
Ambidextrous
White colour
Textured fingers
Beaded cuff
Low endotoxin levels
Food Safe. Complies limits established under Regulation (EU) No 10/2011

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

Preparing equipment for autoclave

Weighing and measuring ingredients

Cleaning of equipment

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 pieces per inner bag,
1 inner bag per outer bag,
10 outer bags per carton (1000 pieces)

Packaging Materials

Inner Bag:
Low Density Polyethylene (LDPE)

Outer Bag & Carton Liner:
Low Density Polyethylene (LDPE)

PHYSICAL PROPERTIES

THICKNESS, SINGLE WALL	MM*	MILS	TEST METHOD
Finger tip	0.14	5.51	EN 455-2:2015
Palm	0.13	5.11	EN 455-2:2015
Cuff	0.07	2.75	EN 455-2:2015

** +/- 0.02mm*

LENGTH	MIN	TYPICAL	TEST METHOD
From tip of middle finger to edge of cuff	290mm	300mm	EN 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 2 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)	0.203	IEST-RP-CC005.4
Bromide (Br)	ND	IEST-RP-CC005.4
Nitrate (NO_3)	0.143	IEST-RP-CC005.4
Phosphate (PO_4)	0.062	IEST-RP-CC005.4
Sulphate (SO_4)	0.012	IEST-RP-CC005.4
Sodium (Na)	0.042	IEST-RP-CC005.4
Ammonium (NH_4)	0.020	IEST-RP-CC005.4
Potassium (K)	0.024	IEST-RP-CC005.4
Calcium (Ca)	0.222	IEST-RP-CC005.4
Magnesium (Mg)	ND	IEST-RP-CC005.4
Zinc (Zn)	ND	IEST-RP-CC005.4

** ND = Not Detected*

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
EU type certificate	EN ISO 374-1:2016+A1:2018 Type B EN ISO 374-5:2016 EN ISO 374-4:2019	The applicable essential health and safety requirements of Annex II of the PPE Regulation (EU) 2016/425 as a Category III product
UKCA type certificate	EN ISO 374-1:2016+A1:2018 Type B EN ISO 374-5:2016 EN ISO 374-4:2019	The applicable essential health and safety requirements of PPE Regulation (2016/425) as brought into UK law and amended as a Category III product



LOADING

	EURO-PALLET	STANDARD PALLET
Pallet size	W80 L120cm	W100 L120cm
Gross weight	6.54 - 8.71kg	6.54 - 8.71kg
Carton size	W28 L32 H30cm	W28 L32 H30cm
Nett weight	4.74 - 6.91kg	4.74 - 6.91kg
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 PROCESSING (COP)

View sample of COC, COA, COP

DECLARATION OF CONFORMITY (DOC)

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FACTORY RELATED CERTIFICATIONS

To request ISO9001 Certificate, please email us



Made in Malaysia
HS Code: 4015199000

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