



Isofield NS300

300mm (12") Non-sterile nitrile
Cleanroom gloves

Last updated 30 May 2025

| | | | | |
|--------------|-------|---------|----------|--|
| PRODUCT CODE | REF | XSMALL | 20130XS | |
| | 20130 | SMALL | 20130S | |
| | | MEDIUM | 20130M | |
| | | LARGE | 20130L | |
| | | XLARGE | 20130XL | |
| | | XXLARGE | 20130XXL | |

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

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 | 6.3 - 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)

View [sample](#) of COC & COA



DECLARATION OF
CONFORMITY (DOC)

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FACTORY RELATED CERTIFICATIONS

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

Country of origin: **Malaysia**
HS Code: 4015199000

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