



TECHNICAL DATA SHEET



1) **Device Name:**
Nitesafe Exam Gloves

2) **Description:**
Powder free Nitrile examination gloves, non sterile, single use. On-line Chlorinated for easy put on and take off with textured surface for good grip. Ambidextrous with beaded cuff

3) **Product Codes and Sizes:**

Product Code	Size	Inner barcode	Shipper barcode
41008	Small	9311059410087	19311059410084
41009	Medium	9311059410094	19311059410091
41010	Large	9311059410100	19311059410107
41011	XL	9311059410117	19311059410114

4) **Recommended Applications:**
Hospitals, dental and medical clinics, emergency services, laboratories, pharmaceutical and cosmetic industries, hair care and beauty therapists, graphic arts, childcare, tattooists, food service, abattoirs, mechanical workshops.

5) **Materials:**
Nitrile Butadiene Rubber (NBR),Potassium Hydroxide, Sulphur, ZDBC, ZMBT, Zinc Oxide, Wingstay-L, Titanium Dioxide, Blu-BS (colour pigment).

6) **Production Process:**
Former cleaning and washing, coagulant dipping, coagulant drying, nitrile dipping, nitrile drying oven, beading, leaching tank dip, main curing oven, cooling tank, chlorination tank, soak rinse tank, neutralizer, post leaching tank, blower, stripping, QC inspection, tumbling, packing, Pre-shipment inspection.

7) **Standards and Approvals:**
Gloves are tested to and comply with AS/NZS4011:1997/Amdt1.1998, with amendment to Physical properties requirements for non-latex products.
Certified under HACCP Food Safety Accreditation Programme



8) Dimensions:

Size	Weight P/pc +0.5/-0.5gm	Length (min)	Thickness Finger single wall +/-0.03	Thickness Palm single wall +/-0.03	Thickness Cuff single wall	Palm Width +/-10
Small	4.8gm	240mm	0.12mm	0.11mm	0.09mm	80mm
Medium	5.3gm	240mm	0.12mm	0.11mm	0.09mm	90mm
Large	5.8gm	240mm	0.12mm	0.11mm	0.09mm	110mm
XL	6.3gm	240mm	0.12mm	0.11mm	0.09mm	120mm

9) Physical Properties:

Description	Before Ageing	After Ageing
Elongation at break (%)	500 minimum	400 minimum
Tensile Strength (MPa)	14 minimum	14 minimum

Note: if Textured gloves then minimum requirements shall be 10% lower than those shown in table.

10) Colour:

Cobalt Blue

11) Performance Requirements:

Gloves shall be sampled and inspected in accordance with ISO 2859-1. The inspection levels and acceptable quality limits (AQLs) shall conform to those listed in below table for the characteristics listed.

Characteristics	Inspection Level	Acceptable Quality Level	Reference Standard
Dimensions	S2	4.0	AS/NZS4011:1997
Physical Properties	S2	4.0	AS/NZS4011:1997 With Amendments for Non Latex Products
Watertightness	S4	2.5	AS/NZS4011:1997
Tensile Strength and Elongation at break (before and after accelerated ageing)	S2	4.0	AS/NZS4011:1997 With Amendments for Non Latex Products
Visual Defects: Major Minor	GI	1.5 2.5	Manufacturers Practice
Packaging Defects: Regulatory Visual Critical (incl glove count)	GI GI S2	** 4.0 4.0	In house inspection

Notes:

*** indicates unacceptable at any level For Dimensions and Physical Properties a median of 13 test pieces used as per EN455-02-00*

12) Quality Control Inspection procedures:

- a) Shipment is placed in quarantine area separately from other gloves in warehouse as one lot
- b) Shipment is then sorted by sizes if shipment consists of more than one size.
- c) QC inspector records lot number(s) indicated on inner boxes and outer cases, sizes quantity of shipment, buyer, date, etc
- d) QC inspector selects at random samples according to ISO procedures for sampling, each lots of different sizes are handled separately
- e) Samples are sent for testing as per requirements
- f) Results of tests will be recorded and only those that meet acceptance criteria are released for dispatch. If shipment consists of more than one size, shipment will be released only when all lots of different sizes have passed.
- g) If a shipment is found to fail test requirements it will be rejected by QC inspector and not released for shipment.

13) Packing:

100 pieces will be packed into a dispenser box. The number contained in each dispenser box determined by physical count. 10 dispenser boxes are packed in 2 layers of 5 giving 10 dispenser boxes inside export quality shipper carton (outer).

14) Packaging specifications: For shipper carton

Size	Length mm	Width mm	Height mm	Gross weight kg
Small	375	265	265	5.5
Medium	375	265	265	6.0
Large	375	265	265	6.5
XL	375	265	265	7.0

15) Storage Conditions:

The gloves will maintain their properties when stored in dry conditions out of direct sunlight at between 10 to 30 degrees C.

16) Shelf Life:

The gloves shall have a shelf life of 3 years from the date of manufacture when stored in compliance with the above storage conditions.