



## TECHNICAL DATA SHEET



1) **Device Name:**  
ECOBBLUE LP Vinyl Disposable Gloves

2) **Description:**  
Powdered vinyl disposable gloves, non sterile, single use, Blue. Ambidextrous with beaded cuff.

3) **Product Codes and Sizes:**

Product code	Size	Inner box barcode	Shipper ctn barcode
41115	Small	9311059411152	19311059411159
41116	Medium	9311059411169	19311059411166
41117	Large	9311059411176	19311059411173
41118	XL	9311059411183	19311059411180

4) **Recommended Applications:**  
Food manufacturing and processing, food handling and preparation, catering, cleaning, general industry.

5) **Materials:**  
Polyvinyl Chloride, Dinonyl phthalate, Calcium-Zinc Stabilizer, Rainbow EP-4843 color paste, Absorbable Corn Starch. **(Please note, does not contain DOP, DEHP, DBP, BBP, DNOP, or DIDP phthalates).**

6) **Production Process:**  
Raw material inspection, PVC mixing and preparation, Laboratory test of compounded PVC solution, Dip Line process, QC in process inspection, Tumbling, QC off-line inspection, Packing, Packing process inspection, QC Pre-shipment inspection, Ship.

7) **Standards and Approvals:**  
Certified under HACCP Food Safety Accreditation Programme



**8) Dimensions:**

Size	Weight P/pc +0.3/-0.3gm	Length (+/- 10mm)	Thickness Finger single wall min	Thickness Palm single wall min	Thickness Cuff single wall min	Palm Width +/-5
Small	4.0gm	240mm	0.05mm	0.06mm	0.04mm	85mm
Medium	4.5gm	240mm	0.05mm	0.06mm	0.04mm	95mm
Large	5.0gm	240mm	0.05mm	0.06mm	0.04mm	105mm
XL	5.3gm	240mm	0.05mm	0.06mm	0.04mm	115mm

**9) Physical Properties:**

Description	Before Ageing	After Ageing
Elongation at break (%)	300 minimum	300 minimum
Tensile Strength (N)	3.6 minimum	3.6 minimum

**10) Colour:**

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	Manufacturers Practice
Physical Properties	S2	4.0	Manufacturers Practice
Watertightness	S2	4.0	Manufacturers Practice
Tensile Strength and Elongation at break (before and after accelerated ageing)	S2	4.0	Manufacturers Practice
Visual Defects: Major Minor	S2	4.0 4.0	Manufacturers Practice

**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	315	240	240	4.5
Medium	315	240	240	5.0
Large	315	240	240	5.5
XL	315	240	240	6.0

**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.