



## TECHNICAL INFORMATION SHEET

**1) Device Name:**  
Poly Gloves

**2) Description:**  
Polyethylene disposable gloves. Constructed in two pieces, with a single heat sealed seam made of low density Polyethylene with embossed finish. Ambidextrous.

**3) Product Codes and Sizes:**

Product code	Size	Inner box barcode	Shipper ctn barcode
41053#	Medium	9311059410537	19311059410531
41054#	Large	9311059410544	19311059410548

**4) Recommended Applications:**  
Hospitals, dental and medical clinics, , laboratories, pharmaceutical and cosmetic industries, hair care and beauty therapists, food processing, food service, other areas where hygiene and barrier protection required.

**5) Materials:**  
Low density polyethylene film grade (complies with FDA 177.1520 for food contact)

**6) Production Process:**  
Materials, compounding, extrusion, heating (155-177c), filtering, cooling, rolling extrusion film, QC film gauge, Glove stamping with heat seal die cut, stripping gloves, QC inspection and tests, packing, final QC inspection and tests, Dispatch shipment.

**7) Standards and Approvals:**  
Gloves are tested to and comply with ASTM D3578 standard for rubber Examination gloves modified for polyethylene gloves.  
Certified under HACCP Food Safety Accreditation Programme



**8) Dimensions:**

Size	Length +/-10%	Thickness Finger single wall +/-10%	Thickness Palm single wall +/-10%	Palm Width +/-10%
Medium	280mm	0.016mm	0.016mm	230mm
Large	300mm	0.016mm	0.016mm	240mm

**9) Physical Properties:**

Description	Test method	Value
Elongation at break (%)	ASTM- D882	>200
Tensile Strength (PSI)	ASTM-D882	2400

**10) Colour:**

Transparent

**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	ASTMD3578
Physical Properties	S2	4.0	ASTMD3578
Watertightness	S1	1.5	ASTMD3578
Tensile Strength and Elongation at break	S2	4.0	ASTMD3578
Visual Defects: Major	G1	1.5	Manufacturers Practice
Minor		2.5	
Packaging Defects: Regulatory	G1	**	In house inspection
Visual	G1	4.0	
Critical (incl glove count)	S2	4.0	

Notes:

*\*\* indicates unacceptable at any level*

*For Dimensions and Physical Properties a median of 40 test pieces used as per ASTM D3578, D412 and D573 methods.*

**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:**

500 pieces will be packed into a dispenser box. The number contained in each dispenser box determined by count. 4 dispenser boxes are packed into 3 layer inner carton, 5 inner cartons per export quality shipper . For a total of 20 dispenser boxes per shipper carton.

**14) Packaging specifications: For shipper carton**

Size	Length mm	Width mm	Height mm	Gross weight kg
Medium	700	290	265	13.50
Large	700	290	265	14.0

**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.