



TECHNICAL DATA SHEET

LATEX EXAMINATION GLOVES

Product Code: COAP220-S, COAP330-M, COAX440-L, COAP550-XL

Sizes Available: Small, Medium, Large and Extra Large

Packing: 100 pieces per dispenser box
10 boxes per case

Spec: FDA Approved.

Product Description

1.1 Product Description

1.1.1 Glove Type

Powder-free Latex Examination Glove.

1.1.2 Feature

Non-sterile, Ambidextrous, Single Use, Beaded Cuff, Natural Rubber Latex Examination Glove.

1.1.3 Material

Natural rubber latex, in compliance with ISO 2004

1.1.4 Colour

Natural latex white

1.1.5 Powder

- Nil-

2.0 Reference Standard

2.1 Reference standard

The reference standard for test method and specification has been summarized in Table 1.

Table 1 – Reference Standard

Characteristic	Related Area	Reference Standard
Dimensions	<ul style="list-style-type: none"> ▪ Length ▪ Palm Width ▪ Thickness 	ASTM D3578-00, SMG-98
Physical Properties	<ul style="list-style-type: none"> ▪ Tensile Strength ▪ Elongation at break 	ASTM D3578-00, SMG-98
Water-tight Test	<ul style="list-style-type: none"> ▪ Force at break ▪ Holes 	EN 455 part 2 (1995) FDA . 21 CFR 800.20(b), EN 455 part 1 (1993) ASTM D3578-00, SMG-98
Visual Inspection	<ul style="list-style-type: none"> ▪ Surface appearance 	In-house
Extractable Protein	<ul style="list-style-type: none"> ▪ Protein Level 	ASTM D 5712-95, SMG-98 EN 455 part 3 (1998)

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3.0 Product Specification

3.1 Dimensions

Table 2 summarizes the requirements for dimensions for palm width, thickness and length.

Table 2 – Dimension and tolerances

Dimension	Particular (mm)	ASTM Specification (mm)	Durashield Specification (mm)
Palm Width	Extra Small	70 ± 10 mm	75 ± 5 mm
	Small	80 ± 10 mm	85 ± 5 mm
	Medium	95 ± 10 mm	95 ± 5 mm
	Large	111 ± 10 mm	106 ± 5 mm
	Extra Large	-	116 ± 5 mm
Length		min 230 mm	min 240 mm
Thickness (single wall)	Cuff (25mm from bead)	min 0.08 mm	min 0.12 mm
	Palm (center of palm)	-	min 0.14 mm
	Finger (13mm from tip)	-	min 0.18 mm

3.2 Physical Properties

We had maintained the requirements for physical properties at the highest level achievable as shown in table 3.

Table 3 – Physical properties – testing method refer to ASTM D412 and ISO 37:1997

Property		ASTM Specification	Durashield Specification
Tensile Strength	Mpa		
	Before ageing	min 14.0 Mpa	min 21.0 Mpa
	After ageing at 70°C for 7 days	min 14.0 Mpa	min 16.0 Mpa
Elongation at break	%		
	Before ageing	min 700 %	min 700 %
	After ageing at 70°C for 7 days	min 500%	min 500%
Force at Break	N		
	Before ageing	Min 7.5 N	Min 7.5 N
	After ageing at 70°C for 7 days	Min 5.5 N	Min 5.5 N

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