

PRODUCT SPECIFICATION

PRODUCT : TEXTURED POWDER FREE NITRILE EXAMINATION GLOVE

1.0 Design and Construction

1.1	Mould Design	:	Ambidextrous with textured fingertip.
1.2	Cuff	:	Beaded.
1.3	Size range	:	X-Small, Small, Medium, Large, X-Large, 2X-Large.
1.4	Length	:	As per item 2.1
1.5	Finishing	:	Non-chlorinated powder free, polymer coated.
1.6	Colour	:	White or blue or Green or violet
1.7	Base Material	:	Nitrile synthetic latex.

2.0 Properties and Requirements

2.1 Physical Dimensions

2.1.1 Palm Width and Length

Size	Palm Width (mm)	Length (minimum in mm)
X-Small	75 ± 5	240
Small	85 ± 5	240
Medium	95 ± 5	240
Large	106 ± 5	240
X-Large	Min 110	240
2X-Large	Min 118	240

2.1.2 Thickness (Single Wall)

Location of Thickness Measurement	Single Wall Thickness (mm)
Fingertip (at 13 mm from the extreme tip)	0.11 min.
Palm (at centre of palm)	0.09 min.
Cuff (at 25 mm from cuff end)	0.08 min.

2.2 Physical Properties

Characteristics	Reference Standard	Before Ageing	After Ageing 7 days @ 70 °C ± 2 hours
Force At Break (N)	EN 455	9 min.	6 min.
Tensile Strength (MPa)	ASTM D3578	14 min.	14 min.
Ultimate Elongation (%)	ASTM D3578	500 min.	400 min.

2.3 Surface Residual Extractables

Not more than 2 mg per glove

2.4 Protein level

Does not contain natural latex protein.

3.0 Quality Assurance For Glove Performance Requirements

Characteristics	Inspection Level & Sampling Plan	AQL and Acceptance Limit
Barrier Non-conformities (Critical Defect)	G-1	1.5
Major Visual Non-conformities (Major Defect)	G-1	2.5
Physical Properties Related Non-conformities	S-2	4.0
Physical Dimensions	S-2	4.0
Average Powder Mass	As per ASTM D 6124 Test Method	Below 2 mg per glove

4.0 Gloves Packaging

Each dispenser box contains one hundred (100) gloves and each shipping case contains ten (10) dispenser boxes or as requested by customer.

Chemical Resistance Guide

Acetic Acid	G	Isobutyl Alcohol	G
Acetone	F	Isooctane	E
Acetonitrile	F	Isopropyl Alcohol	G
Allyl Alcohol	F	Kerosene	E
Ammonium Hydroxide	G	Lactic Acid (85%)	E
Amyl Acetate	F	Maleic Acid	E
Amyl Alcohol	E	Methyl Alcohol	P
Butyl Alcohol	E	Methyl Amine	G
Butyl Cellosolve	E	Methyl T-Butyl Ether	P
Carbon Tetrachloride	F	Mineral Spirits	G
Citric Acid (10%)	E	Monoethanoline	E
Diacetone Alcohol	P	Naptha	F
Dibutyl Phthalate	E	Octanol	E
Dimethol Sulfoxide	G	Oleic Acid	E
Ethyl Acetate	P	Oxalic Acid	E
Ethyl Alcohol	G	Pentachlorophenol	E
Ethyl Ether	F	Pentane	P
Ethyl Glycol Ether	G	Perchloroethylene	F
Ethylene Glycol	E	Potassium Hydroxide	E
Formaldahyde	F	Propyl Alcohol	G
Gasoline	F	Sodium Hydroxide	E
Hexane	E	Stoddard Solvent	E
Hydrazene (65%)	E	Sulfuric Acid	E
Hydrochloric Acid (10%)	E	Toluene	F
Hydrogen Peroxide (30%)	E	Turpentine	G
Hydroquinone	E	Xylene	F

E=Excellent G=Good F=Fair P=Poor