



PRODUCT SPECIFICATION



EN ISO 13485:2012 + AC:2012
ISO 9001:2008

Title : Powder Free Nitrile Synthetic Latex Examination Gloves

Product Code : 4.6NPF

Effective Date: 03 May 2016

Revision : 1

Physical Description

Design : Ambidextrous, beaded cuff
Textured : Full textured
Finishing : Chlorinated
Size : S , M , L , XL, XXL
Colour : Dark Blue

Physical Dimension

Size	X-Small	Small	Medium	Large	X-Large	XX-large
Palm width (± 4 mm)	N/A	86	96	107	115	125
Weight (± 0.2 gram)	N/A	4.2	4.6	5.1	5.4	5.7
Glove length (mm)	Minimum 240mm					
Thickness (mm), Single Wall						
Palm (center of palm)	0.09 \pm 0.02					
Finger (13 \pm 3 mm from tip)	0.11 \pm 0.02					

Physical Properties

Characteristics	Before Aging	After aging (100°C at 22 hours)
Tensile strength (MPa)	Min 14 MPa	Min 14 MPa
Elongation at break (%)	Min 500%	Min 400%
Force at break (N)	Min 6N	Min 6N

Quality Assurance for Glove Performance Requirement

Characteristic	Inspection Level & Sampling Plan	AQL and Acceptance Limit
Watertight Test (Critical Defect)	G1	1.5
Visual Test (Major Defect)	G1	2.5
Visual Test (Minor Defect)	G1	4.0
Physical Dimension	S2	4.0
Physical Properties	S2	4.0
Powder Content	As per ASTM D6124-01 Test Method	Below 2mg per glove

Standard Conformance

ASTM D6319 Standard Specification for Nitrile Examination Glove
ASTM D5151 Standard test for Detection of Holes in Medical Gloves
ASTM D6124 Standard test method for Residual Powder on Medical Gloves
ANSI/ASQCZ1.4 Sampling Procedure and Tables for Inspection by Attributes

