

# MISUMI (THAILAND) CO., LTD.

## PRODUCT SPECIFICATIONS

### FOR

### NITRILE POWDER FREE EXAMINATION GLOVES 3.0MIL

**Material:** Nitrile Latex and compounding materials safe for use in medical and food handling.  
**Description:** Ambidextrous, Beaded Cuff, Finger-textured, Chlorinated, Powder Free,  
**Available Colour:** White

#### Standards of Conformance:

Product conforms to the following test standards

ASTM D6319 Standard Specification for Nitrile Examination Gloves  
 ASTM D412 Tensile properties of Vulcanized Rubbers  
 ASTM D573 Accelerated Aging for Latex (at 70°C for 166±2hr)  
 ASTM D5151 Standard Test for Detection of Holes in Medical Gloves  
 ASTM D6124 Standard Test Method for Residual Powder on Medical Gloves  
 ISO 2859-1 Sampling Procedures and Tables for Inspection by Attributes  
 Part 1:  
 Sampling Schemes Indexed by Acceptance Quality Limit (AQL) for Lot – by – Lot  
 Inspection

Performance Requirements					
Characteristic	Sampling Plan		Inspection Level	AQL	
Watertight Test	Multiple Normal		G1	1.5	
Visual Test	Single Normal		S4	Major 2.5 Minor 4.0	
Physical Dimension	Single Normal		S2	AQL 4.0	
Physical Properties	Single Reduced		S2	AQL 4.0	
Particulate Residue	NA		N = 5	≤ 2 mg/glove	
Physical Dimensions					
SIZE	Extra-Small	Small	Medium	Large	Extra-Large
Palm Width ± 4mm	76	86	98	107	115
Glove Length (mm)	Minimum 230				
Thickness ± 0.02mm					
Palm ( <i>center of palm</i> )	0.07				
Finger ( <i>13±3mm from tip</i> )	0.10				
Physical Properties					
Test	Before Aging			After Aging	
Tensile Strength (MPa)	Minimum 18.0			Minimum 16.0	
Elongation (%)	Minimum 500			Minimum 400	