

# AMST NITRILE MEDICAL EXAMINATION GLOVES

## SUPERIOR BARRIER PROTECTION AND DEXTERITY

Nitrile Examination Gloves – Powder Free serves to provide protection from unwanted substances or potentially dangerous substances for both the professionals and patients. These gloves are made from high quality 100% nitrile.

(A synthetic co-polymer – Acrylonitrile-Butadiene) are Latex Free and are suitable for NR Latex-Sensitive Medical Professionals (Type 1 allergic reactions). It also has Low Level of Chemical Residue which reduces contact Dermatitis (Type IV Allergic Reaction). The Unique formulation makes the gloves soft and flexible for a comfortable fit. The Micro-Textured surface provides an excellent grip.

Nitrile Examination Gloves – Powder Free meets all international product standards for medical gloves. They also meet all regulatory requirements for Bio-compatibility testing and Latex Protein Allergy.

**FEATURES**  
Unique formulation makes the glove soft and flexible for a comfortable fit

- Micro-Textured surface provides non-slip grip when handling instruments
- The dual leached gloves have low chemical residue
- High tensile strength due to its special formulation
- Beaded cuff ensures secured and easy donning



# AMST PRODUCT STANDARD SPECIFICATIONS, PERFORMANCE & CONFORMANCE

## NITRILE EXAMINATION GLOVE - DISPOSABLE

<b>Type</b>	Nitrile Medical Examination Glove- Disposable
<b>Material</b>	Nitrile Butadiene Rubber (NBR)
<b>Colour</b>	Blue
<b>Design &amp; Feature</b>	Ambidextrous, Beaded Cuff, Finger Textured
<b>Donning Aid</b>	Chlorinated
<b>Product Classification</b>	MDD: Class I
<b>Powder Content</b>	-
<b>Protein Content</b>	N/A
<b>Size Available</b>	S, M, L, XL
<b>Storage Condition</b>	Product shall be stored under room condition, avoid direct sunlight
<b>Shelf Life</b>	Product shall have shelf life of 3 years from the date of manufacture with the above storage condition
<b>Packing Style</b>	Fully Pack
<b>Performance Standard</b>	ASTM D-6319 EN 455-Part 1, 2 and 3

### PHYSICAL DIMENSION - 240 MM / 9"

Size	S	M	L	XL
<b>Ave width (mm)</b>	80±10	90±10	105±10	115±10
<b>Ave weight (gm)</b>	3.4±0.3	3.8±0.3	4.0±0.3	4.3±0.3
<b>Length (mm)</b>	Min 240			

### PHYSICAL PROPERTIES - ASTM

Parameters	Before Aging			After Aging		
	Tensile Strength (MPa)	Elongation at break (%)	Modulus at 500% (MPa)	Tensile Strength (MPa)	Elongation at break (%)	Modulus at 500% (MPa)
<b>Result</b>	18 - 28	650 - 750	Max 2.8	14 - 18	500 - 650	Max 2.8
<b>ASTM Requirement</b>	Min 14	Min 650%	Max 2.8	Min 14	Min 500%	N/A

### PHYSICAL PROPERTIES - EN

Parameters	Before Aging		After Aging	
	Force at Break (N)	Elongation at break (%)	Force at Break (N)	Elongation at break (%)
<b>Result</b>	9.0 - 11.0	N/A	6.0 - 10.0	N/A
<b>EN Requirement (median)</b>	Min 9 N	N/A	Min 6 N	N/A

### CHEMICAL ANALYSIS

Requirement	Protein Content	Powder Content
	Powder Free	Powder Free
<b>Result</b>	N/A	Below 2.0
<b>ASTM requirement</b>	N/A	Max 2.0 milligram/glove

### PERFORMANCE

Inspection	Related Defects	Inspection Level	AQL
<b>Watertight Test</b>	Holes	G-1	1.5
<b>Visual Inspection</b>	Major Defects		2.5
	Minor Defects		4.0
<b>Physical Properties</b>	Tensile Strength and Elongation	S-2	4.0
<b>Physical Dimension</b>	Measurement	S-2	4.0