

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

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

PHYSICAL DIMENSION - 240 MM / 9"

Size	S	M	L	XL
Ave width (mm)	80±10	90±10	105±10	115±10
Ave weight (gm)	3.4±0.3	3.8±0.3	4.0±0.3	4.3±0.3
Length (mm)			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)
Result	18 - 28	650 - 750	Max 2.8	14 - 18	500 - 650	Max 2.8
ASTM Requirement	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 (%)
Result	9.0 - 11.0	N/A	6.0 - 10.0	N/A
EN Requirement (median)	Min 9 N	N/A	Min 6 N	N/A

CHEMICAL ANALYSIS

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

PERFORMANCE

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