

Nitrile Powder-Free 9.5" Glove

Part Number: VTGNPFB95

Part of the
MicroTek
product family

Description:

Glove Powder-Free Nitrile White, Ambidextrous Shape, Beaded Cuff, Finger tip textured, 9.5" Length. Good ESD attributes, Lot Control Quality Tested. Made from pure synthetic nitrile (Acrylonitrile Butadiene) which is 100% latex protein free.

Applications:

Nitrile gloves offer improved fit and performance over other materials. Consistent quality and performance. Good ESD characteristics for electronic applications. Commonly used as the preferred glove in semiconductor and pharmaceutical applications. Standard cuff length for less critical applications. Class 1000 & above.

Test Methods:

IES-RP-CC-005	Recommended Practice for Cleanroom Gloves
ASTM D3578	Standard Specifications for Rubber Examination Gloves
ASTM D41	Tensile Properties of Vulcanized Rubbers
ASTM D573	Accelerated Aging for Latex (at 70°C for 166 hr.)
ASTM D5151	Standard Test for Detection of Holes in Medical Gloves

Quality Sampling Plan: MIL-STD-105E, Inspection Levels S-2, and S-4

Parameter	AQL	Inspection	Level
Watertight		1.5	S-4
Dimensions		2.5	S-2
Physical Properties		2.5	S-2
Visual Defects			S-4
		Major 1.5	
		Minor 2.5	

Visual Defects AQL 1.5 Major - Tears, visible holes, sticking pleats (> 10mm), embedded particles

Description: (> 5mm), large lumps, non-removable dirt, torn beads/cuffs, excessively thin spots, tackiness, wrong size.

AQL 2.5 Minor - Stains and discoloration, sticking pleats (< 10mm), embedded particles (< 5mm), small lumps, loose dirt, or defective beads.



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Dimensions and Tolerances :

Parameter	Size Small	Medium	Large	X-Large	Tolerance mm
Width (mm)	85	95	105	115	+/- 5
Length (mm)	240 min. for all sizes				
Minimum Thickness	(mm)		(mils)		
Finger	0.08 - 0.12		4.33		
Palm	0.010 - 0.15		3.54		
Cuff	0.10 - 0.20		2.76		

Weight*	5.3	5.7	6.2	7.1
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*Average weight based on standard shipping ratios not to exceed 6.5 grams.

Physical Properties:

Before Aging		After Aging	
Tensile Strength	Ultimate Elongation	Tensile Strength	Ultimate Elongation
14 MPa min.	500% min.	14 MPa min.	400% min.
ESD Specification @ 50-60% Humidity			
Surface Resisitivity (Ohm/sq)		Decay Time (second)	
< / = 10 ¹¹		< / = 2	
Cleanliness Specification for Liquid Particle Count:		Tribo Charge (volt)	
count @ >0.5 micron/cm ²		<2000	
		+/- 20	

Physical Characteristics:

Particle Counts: Current Particle data available on request.
 Extractables: Current Extractable data available on request.
 Chemical Compatibility: Contact Manufacturer for Chemical Compatibility information.

Packaging and Markings:

Bagged - 100 pieces per bag, which are unidirectional packed & labeled with size, lot/batch number, product description, and country of origin. 10 bags per carton

Shelf Life and Storage:

All product delivered will have a minimum shelf life of 12 months.
 All product is stored and shipped in an environment appropriate for the materials, and the use.



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