

Technical data sheet



VWR® STERILE CLEANROOM NITRILE GLOVE 300MM, AMBIDEXTROUS, CLASS 100 CLEANROOM PRODUCTION OR RESEARCH

- Gamma irradiated to SAL 10-6
- Material: Carboxylated Acrylonitrile Butadiene
- Ambidextrous, textured finger and beaded cuff
- Not made from natural rubber latex
- Static dissipative
- Single use only
- Suitable for use in ISO Class 5 (FED-STD-209E Class 100) or higher cleanrooms

Size	Packed	Case	Cat. No.
XS	200/bag, 5 bags/case	1000	76423-444
S	200/bag, 5 bags/case	1000	76423-446
M	200/bag, 5 bags/case	1000	76423-448
L	200/bag, 5 bags/case	1000	76423-450
XL	200/bag, 5 bags/case	1000	76423-452
XXL	200/bag, 5 bags/case	1000	76423-454

Dimension:

	X-Small	Small	Medium	Large	X-Large	XX-Large
Overall length (mm)	300 - 310					
Palm width (mm)	70 - 80	80 - 90	90 - 100	100 - 110	110 - 120	120 - 130
Thickness (mm)						
Finger	0,12 - 0,18					
Palm	0,10 - 0,15					
Cuff	0,08 - 0,12					

Physical Properties:

Test item	Result	Test Standard
Tensile Strength (MPa)	≥18	ASTM D412
Modulus at 300% (MPa)	≤9	
Ultimate Elongation (%)	≥500	

Static Dissipative Properties:

Test item	Result	Test Standard
Surface Resistivity (max. Ohms at 50% RH)	10 ¹¹	ASTM D257, ESD S11.11
Electrostatic Decay (max. seconds at 50% RH)	2	FTMS 101C-4046

Barrier Property:

Test item	Result	Test Standard
Freedom from Holes (AQL)	1.5	ASTM D5151

Chemical Permeation:

Test item	Result	Test Standard
Sodium Hydroxide 40%	Level 6	EN ISO 374-5:2016
n-Heptane	Level 2	
Isopropyl alcohol, IPA 70%	Level 3	
Hydrogen peroxide 30%	Level 3	
Formaldehyde 37%	Level 6	

Cleanliness Properties:

Test item	Result	Test Standard
Particles (Max. ≥0.5 μm/cm ²)	1500	IEST-RP-CC005.4
Extractable Ions (Max. μg/cm ²)		
Chloride, Cl ⁻	0.600	
Nitrate, NO ₃ ⁻	0.500	
Sulfate, SO ₄ ²⁻	0.200	
Sodium, Na ⁺	0.200	
Pottasium, K ⁺	0.100	
Calcium, Ca ²⁺	0.500	
Aluminium, Al ³⁺	0.010	
Feric, Fe ³⁺	0.010	
Zinc, Zn ²⁺	0.100	
Copper, Cu ²⁺	0.0004	
Non Volatile Residue (Max. μg/cm ²)		
Solvent IPA	5.0	
Fourier Transform Infra-Red		
Silicon, Amide & Dioctylphthalate	Not Detected	

Product Shelf Life: 5 years

Country of Origin: Malaysia