

# VWR® Protection Apparel

## VWR 12" CLEANROOM CLASS 100 LATEX GLOVES

Uncompromising manufacturing processes consistently yield exceptionally low particle counts. Specialized manufacturing processes and silicone-free material minimize ionic contaminants and nonvolatile residue (NVR) transfer. Ambidextrous and powder-free, designed to provide comfort and tactile sensitivity. The gloves are textured for a reliable grip. Beaded cuffs increase strength and reduce roll down. Thickness: 8.7mil (finger), 7.9 mil (palm)

- Certificates of Analysis Available
- Quality Data Available for Product Specifications



## VWR 12" CLEANROOM CLASS 100 LATEX GLOVES

Description	Size	Case of	Cat. No.
<b>30.5cm (12") Length</b>			
VWR® Glove Latex CL 10	Small	1000	76579-680
VWR® Glove Latex CL 10	Medium	1000	76579-682
VWR® Glove Latex CL 10	Large	1000	76579-684
VWR® Glove Latex CL 10	X-Large	1000	76579-686

For more information on technical data, see back.

## TECHNICAL DATA FOR VWR 12" CLEANROOM CLASS 100 LATEX GLOVES

### PRODUCT DESCRIPTION

Material	Natural Rubber Latex
Color	Yellow
Design	Beaded cuff and fingertips textured
Components used in formulation	Complies with FDA 21CFR and CAS Number

### DIMENSIONAL PARAMETERS

Parameter		S	M	L	XL
Glove weight (gram/pc)	12" gloves	8.4 -8.8	9.0 -9.4	10.0 -10.4	10.8 -11.2
Total Length (mm)	12" gloves	300±5			

Parameter		S	M	L	XL
Thickness -Cuff (mm)				0.10 -0.13	
Thickness -Palm (mm)				0.13 -0.16	
Thickness -Finger (mm)				0.16 -0.19	

### PHYSICAL PROPERTIES

Parameter	Specification	Test Method
Tensile Strength (MPa)	>20	ASTM D 412
Modulus @500 (MPa)	<5.5	ASTM D 412
Ultimate Elongation (%)	>700	ASTM D 412

### PACKAGING PROTOCOL

100 pieces per double bag and 10 bags per liner and carton

### SPECIAL FEATURES

- Soft feel for hand comfort during donning
- Beaded cuff with textured on the fingers or perfect grip
- Offer secure protection against a variety of chemicals.
- High physical strength and resistant to tear

Parameter	Test method	12" Cleanroom Class 100 AmbiLatex Gloves
Barrier Integrity	ASTM D5151	G1 AQL 1.5
LPC (≥ 0.50 micron)	IEST RP-CC005.4	Max 3000 particles/cm <sup>2</sup>
Chloride, Cl <sup>-</sup>	IEST RP-CC005.4	Max 1.850 ug/cm <sup>2</sup>
Nitrate, NO <sub>3</sub> <sup>-</sup>		Max 2.000 ug/cm <sup>2</sup>
Sulfate, SO <sub>4</sub> <sup>2-</sup>		Max 0.600 ug/cm <sup>2</sup>
Sodium, Na <sup>+</sup>		Max 0.150 ug/cm <sup>2</sup>
Potassium, K <sup>+</sup>		Max 0.200 ug/cm <sup>2</sup>
Magnesium, Mg <sup>2+</sup>		Max 0.200 ug/cm <sup>2</sup>
Ammonium, NH <sub>4</sub> <sup>+</sup>		Max 0.200 ug/cm <sup>2</sup>
Calcium, Ca <sup>2+</sup>		Max 1.000 ug/cm <sup>2</sup>
Zinc, Zn <sup>2+</sup>		Max 0.900 ug/cm <sup>2</sup>
TNVR in IPA		Max 200 mg/g
Silicone, Amide, DOP By FTIR		Absent
Protein Content	ASTM D5712	< 50 ug/g