

# VWR® Examination Gloves

## PRODUCT SPECIFICATIONS



### VWR Powder-Free Latex Examination Gloves

- Glove type: non-powdered ambidextrous gloves with straight fingers, beaded cuff, and fully textured finish
- Material: natural high-grade rubber latex with polymer coating (complies with ASTM D1076)
- Packaging: 100 gloves ( $\pm 2$ ) per dispenser box, 10 boxes per case [X-Large gloves are packaged 90 gloves ( $\pm 2$ ) per dispenser box]
- Color: natural
- For single use only

Manufactured from premium-quality natural rubber latex, VWR Powder-Free Latex Examination Gloves provide reliable, durable, and comfortable hand protection in laboratory environments. These nonsterile, examination-grade gloves are fully microtextured to provide a secure grip. Gloves are rigorously tested and manufactured under stringent process controls according to ISO 9001 and ISO 13488 to ensure that each product meets exacting quality standards. Our products are lot controlled and validated through independent lab testing.

### VWR Powder-Free Latex Examination Gloves

Size	Cat. No.	Pack of	Case of
X-Small	414004-428	100	10 Packs
Small	414004-429	100	10 Packs
Medium	414004-430	100	10 Packs
Large	414004-431	100	10 Packs
X-Large	414004-432	90	10 Packs

## Technical Data

Test Item	Result	Test Standard
<b>DIMENSIONS</b>		
Overall Length (mm)	240	ASTM D3767
Palm Width (mm)		
X-Small	70–80	ASTM D3767
Small	80–90	
Medium	90–100	
Large	101–111	
X-Large	110–120	
Thickness (mm)		
Finger	0.13–0.19	ASTM D3767
Palm	0.11–0.17	
Cuff	0.08–0.12	

<b>PHYSICAL PROPERTIES</b>		
Tensile Strength (MPa)		
Before Aging	18	ASTM D412
After Heat Aging	14	
Ultimate Elongation (%)		
Before Aging	650	ASTM D412
After Heat Aging	500	
Stress at 500% Elongation (MPa)	5.5	ASTM D412
Powder Content (mg/glove)	$\leq 2$	ASTM D6124
Protein Content ( $\mu\text{g}/\text{dm}^2$ )	$\leq 50$	ASTM D5712

<b>BARRIER PROPERTIES</b>		
Freedom from Holes (AQL)	1.5	ASTM D5151

Gloves will maintain their properties when stored in dry conditions where temperature does not exceed 30°C (86°F). Shelf life: three years from date of manufacture.

## Quality Standards

- Meet or exceed ASTM D3578-01 as well as EN 455-1, -2, and -3 on dimensions, physical properties, and major defects
- Meet FDA Quality System's 510(k) requirement

## Allergenic and Skin Sensitization Test Results

- Primary skin irritation: non-primary irritating
- Sensitization (Buehler Test Method): non-sensitizing

To order, visit [vwr.com](http://vwr.com) or call your VWR Sales Representative today.

**1.800.932.5000**  
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