



AMERICAN NITRILE

AUTHENTIC AMERICAN PROTECTION



# AMERICAN NITRILE SLATE™

POWDER-FREE  
NITRILE EXAMINATION GLOVES

## PREMIUM EXAM GLOVE DESIGNED FOR OPTIMAL PERFORMANCE AND PROTECTION.

Our Slate™ exam glove is made in America and designed for extended wear and general purpose applications with 30% greater thickness than our SteelFlex™ exam glove, yet with the same flexibility and softness. Slate's Fentanyl and Chemotherapy drug rating provides the protection peace of mind for frontline heroes along with quality you can trust.

### AMERICAN NITRILE ADVANTAGES

Every American Nitrile glove is proudly manufactured at our state-of-the-art facility in Grove City, Ohio. As the preferred domestic source for nitrile gloves, we ensure:

- ✓ **Delivery:** Stress-free and just-in-time, eliminating unpredictable trans-pacific shipping, port delays, and the need to carry high safety stock.
- ✓ **Corporate social responsibility:** Sustainability in energy and raw material usage plus visibility into ethical labor practices.
- ✓ **Product quality:** Our gloves are 100% made in the USA to ensure safety and quality are never compromised.

### THE RIGHT FIT FOR:

- Acute Medical
- Research
- Laboratory
- EMS
- Sanitation
- Retail

### KEY FEATURES AND BENEFITS

#### Tested

Meets US FDA device license regulations, complies with ASTM standards, and cleared for use with chemotherapy drugs in accordance with ASTM D6978.

#### Authentic

US-based production and delivery ensures quality and instills confidence in the safety and cleanliness of our products.

#### Reduced allergens

Our material and cleaning processes reduce the risk of Type I latex allergies and Type IV chemical allergies.

#### Wearability

Smooth inner surface for easy donning and low modulus for a soft, flexible feel.

#### Textured fingertips

Exceptional grip for secure manipulation of tools in dry/wet conditions yet versatile enough to interact with touchscreen devices.

#### Superior AQL

1.5 AQL-Ultra low probability of pin holes.

### SUSTAINABILITY IMPACT:



Low carbon footprint, no transpacific vessels used



Up to 40 gallons of water recycled per case



100% recycled/recyclable cardboard packaging



Powder-Free



Fingertip Texture



Ambidextrous



Single Use Only

Learn more or inquire at:  
[americannitrile.com](http://americannitrile.com)

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## POWDER-FREE NITRILE EXAMINATION GLOVES



GLOVE SIZE	REORDER NUMBER
EXTRA-SMALL	ANSL451
SMALL	ANSL452
MEDIUM	ANSL453
LARGE	ANSL454
EXTRA-LARGE	ANSL455

### Fentanyl and Chemotherapy Drug Permeation Resistance

Drug Tested	Average Breakthrough Detection Time (minutes)
Carmustine (BNCU) (3.3 mg/ml)	25.5
Cyclophosphamide (20 mg/ml)	>240
Doxorubicin HCl (2 mg/ml)	>240
Etoposide (20 mg/ml)	>240
5-Fluorouracil (50 mg/ml)	>240
Methotrexate (25 mg/ml)	>240
Paclitaxel (6 mg/ml)	>240
Thiotepa (10 mg/ml)	47.7
Vincristine Sulfate (1 mg/ml)	>240
Fentanyl Citrate (100 mcg/2ml)	>240

**Caution:**  
Testing showed an average breakthrough time of 25.5 min for Carmustine and 47.7 min for Thiotepa.

The SLATE Nitrile Exam Glove material was tested with chemotherapy and fentanyl drug concentrations (see table) per ASTM D 6978-05. Testing conducted on single layer glove material.

**Caution:**  
Gloves used for protection against chemotherapy drug exposure should be selected specifically for the type of drugs used. It is the user's responsibility to determine an adequate level of protection for the intended use.



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### PRODUCT INFORMATION

<b>Material</b>	Nitrile
<b>Color</b>	Blue-gray
<b>Glove Design</b>	Chlorinated, fingertip texture, Powder-free
<b>Cuff</b>	Beaded
<b>Audit Standards</b>	GMP
<b>Packaging</b>	100 gloves per box • 1,000 gloves per case
<b>Shelf Life</b>	3 years
<b>Country of Origin</b>	USA
<b>User Needs</b>	General purpose, tasks that require great sensitivity and precision
<b>Sizes</b>	XS, S, M, L, XL

### PHYSICAL PROPERTIES

	Typical Performance		Testing Method
Length	245 mm/9”		ASTM D3767
Freedom from Holes	1.5 AQL		ASTM D5151
Palm Thickness	0.09 mm/3.6 mil		ASTM D3767
Finger Thickness	0.14 mm/5.6 mil		ASTM D3767
Glove Weight Medium	4.5 grams		
	Before Aging	After Aging	
Ultimate Tensile Strength (MPa)	>23	>14	ASTM D412 & D573
Elongation at Break (%)	>500	>400	ASTM D412

Learn more or inquire at: [americannitrile.com](http://americannitrile.com)

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