



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.

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.
- Wearability**
Smooth inner surface for easy donning.
- Superior AQL**
Our gloves meet a pinhole AQL of 1.5, 60% better than the FDA requirement of 2.5.

THE RIGHT FIT FOR:

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

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

AMERICAN NITRILE SLATE™

**POWDER-FREE
NITRILE EXAMINATION GLOVES**



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

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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PHYSICAL PROPERTIES			
	Typical Performance	Testing Method	
Length	240 mm/9.5"	ASTM D3767	
Freedon from Holes	1.5 AQL	ASTM D5151	
Palm Thickness	0.08 mm/3.15 mil	ASTM D3767	
Finger Thickness	0.135 mm/5.3 mil	ASTM D3767	
Glove Weight Medium	4.5 grams		
	Before Aging	After Aging	
Ultimate Tensile Strength (MPa)	>35	>35	ASTM D412
Elongation at Break (%)	>550	>550	ASTM D412

