



AMERICAN NITRILE
AUTHENTIC AMERICAN PROTECTION



AMERICAN NITRILE

STEELFLEX™

**POWDER-FREE
BLUE NITRILE EXAMINATION GLOVES**



MADE IN THE USA FOR THE HEALING HANDS OF HEALTHCARE HEROES.

When hardworking healthcare heroes suit up, they demand medical-grade, uncompromisable quality gloves that help them deliver extraordinary care with confidence and comfort. Our American-made gloves provide a barrier that protects patients and practitioners alike.

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:

- **Medical**
- **Dental**
- **Veterinary**
- **Hospitality**
- **Food Service**
- **Hair & Beauty**

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

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PRODUCT INFORMATION

Material	Nitrile
Color	Steel Blue
Glove Design	Fingertip texture, Powder-free
Cuff	Beaded
Audit Standards	GMP
Packaging	200 gloves per box • 2,000 gloves per case
Shelf Life	3 years
Country of Origin	USA
User Needs	Medical
Sizes	XS, S, M, L, XL

GLOVE SIZE	REORDER NUMBER
EXTRA-SMALL	ANST351
SMALL	ANST352
MEDIUM	ANST353
LARGE	ANST354
EXTRA-LARGE	ANST355

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 STEELFLEX 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	245 mm/9"	ASTM D3767	
Freedom from Holes	1.5 AQL	ASTM D5151	
Palm Thickness	0.07 mm/2.8 mil	ASTM D3767	
Finger Thickness	0.11 mm/4.3 mil	ASTM D3767	
Glove Weight Medium	3.5 grams		
	Before Aging	After Aging	
Ultimate Tensile Strength (MPa)	>30	>27	ASTM D412 & D573
Elongation at Break (%)	>500	>400	ASTM D412



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