



FR-50 First Responder Series Nitrile Exam Gloves

Features and Benefits

- Nitrile
- Exam Grade: FDA 510K, CE & ARTG
- Powder Free
- Non-Sterile
- **AQL 1.5**
- **Fentanyl Tested**
- **Chemotherapy Tested**
- **Low Dermatitis Potential**
- ASTM D6319, D6978
- AS/NZS 4011-1
- EN 455 Parts 1, 2, 3
- Color: Purple or Blue
- Texture: Fingertip
- Weight: 5.0 gram
- Length: 240mm



Law Enforcement and Emergency Medical Responders are at high risk of being exposed to blood-borne pathogens and drugs. Therefore they need hand protection that provides a safe and strong barrier while maintaining dexterity and grip.

Usage



Specifications



Ordering Information				
ITEM #	SIZE	GLOVES PER BOX	BOXES PER CASE	GLOVES PER CASE
N50FRS	Small	100	10	1000
N50FRM	Medium	100	10	1000
N50FRL	Large	100	10	1000
N50FRXL	X-Large	100	10	1000

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Specifications

OVERVIEW

Material	Nitrile
Powder Content	Powder-Free
Freedom From Holes	1.5 AQL
Surface	Fingertip Textured
Weight (Based on Size M)	5.0 gram
Color	Available in Purple or Blue
Cuff Length	240mm, Standard
Not Made With Natural Rubber Latex	Yes
CE registration	Yes
Chemo Rated (Yes/No)	Yes, in accordance with FDA ASTM D6978
Fentanyl Rated (Yes/No)	Yes, in accordance with FDA ASTM D6978
Food Grade Rated (Yes/No)	Yes, per CFR 177.2600

THICKNESS MEASUREMENTS

Finger	Spec \geq 0.11mm +/-2 Typical Value 0.15mm
Palm	Spec \geq 0.08mm +/-2 Typical Value 0.09mm

PHYSICAL PROPERTIES

Criteria	Before Aging	After Aging
Force at Break	Spec \geq 7N Typical Value 13.6N	Spec \geq 6N Typical Value 14.3N

DIMENSIONS

Item#	Size	Palm Width (mm)	Length
N50FRS	Small	85 (+/- 5)	240mm / 9.5 inches
N50FRM	Medium	95 (+/- 5)	240mm / 9.5 inches
N50FRL	Large	106 (+/- 5)	240mm / 9.5 inches
N50FRXL	Extra-Large	115 (+/- 5)	240mm / 9.5 inches

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Chemotherapy Drug Permeation as per ASTM D6978-05		
Chemotherapy Drugs	Concentration	Breakthrough Detection Time in Minutes
Cammsstine (BCNU)	3.3mg/ml	11.1
Cisplatin	1.0mg/ml	> 240
Cyclophosphamide (Cytoxan)	20.0mg/ml	> 240
Dacarbazine (DTJC)	10.0mg/ml	> 240
Doxorubicin Hydrochloride	2.0rng/ml	> 240
Etoposide (Toposar)	20.0mg/ml	> 240
Fluorouracil	50.0mg/rnl	> 240
Paclitaxel (Taxol)	6.0mg/ml	> 240
Thiotepa	10.0mg/ml	40.1
Amethopterin Hydrate	25.0mg/ml	> 240
Methotrexate	25.0mg/ml	> 240
Mitomycin C	0.5mg/ml	> 240
Vincristine Sulfate	1.0mg/ml	> 240
<p>*Please Note that the following drugs have low permeation times Cammsstine 11.1 minutes, Thiotepa 40.1 minutes</p>		

Fentanyl Permeation as per ASTM D6978	
TEST DRUG AND CONCENTRATION	MINIMUM BREAKTHROUGH DETECTION TIME (Specimen 1/2/3) (minutes)
Fentanyl Citrate Injection 100mcg/2mL	No Breakthrough up to 240 minutes

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