



FR-45 First Responder Series Nitrile Exam Gloves

Features and Benefits

- Nitrile
- Exam Grade: 510K, CE & ARTG
- Powder Free
- Non-Sterile
- **AQL 1.5**
- **Chemotherapy Tested**
- ASTM D6319, D6978
- EN 455 Parts 1, 2, 3
- Color: Blue
- Texture: Fingertip
- Weight: 4.5 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
N45FRS	Small	100	10	1000
N45FRM	Medium	100	10	1000
N45FRL	Large	100	10	1000
N45FRXL	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)	4.5 gram
Color	Blue
Cuff Length	240mm, Standard
Not Made With Natural Rubber Latex	Yes
Chemo Rated (Yes/No)	Yes, in accordance with FDA ASTM D6978
Food Grade Rated (Yes/No)	Yes, per CFR 177.2600

THICKNESS MEASUREMENTS

Finger	0.114 mm (5 mil) +/- 0.05
Palm	.09mm (4 mil) +/- 0.05

PHYSICAL PROPERTIES

Tensile	Before Aging	After Aging
Force at break (N)	Spec \geq 7 (Mean 9.5)	Spec \geq 6 (Mean 9.9)
Elongation at break (%)	Spec \geq 500 (Mean 553)	Spec \geq 400 (Mean 533)

DIMENSIONS

Item#	Size	Palm Width (mm)	Length
N45FRS	Small	85 \pm 5	240mm / 9.5 inches
N45FRM	Medium	95 \pm 5	240mm / 9.5 inches
N45FRL	Large	105 \pm 5	240mm / 9.5 inches
N45FRXL	Extra-Large	115 \pm 5	240mm / 9.5 inches

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Chemotherapy Drug Permeation Drug Testing as per ASTM 6978-05		
TEST CHEMICAL	BREAKTHROUGH DETECTION TIME	STEADY STATE PERMEATION RATE
	MINUTES	(Avg) ug/cm²/min
Dacarbazine	No Breakthrough detected up to 240 minutes	0
Carmustine	2.1	
Cyclophosphamide	No Breakthrough detected up to 240 minutes	0
Doxorubicin Hychloride	No Breakthrough detected up to 240 minutes	0
5-Fluorouracil	No Breakthrough detected up to 240 minutes	0
Cisplatin	No Breakthrough detected up to 240 minutes	0
Etoposide	No Breakthrough detected up to 240 minutes	0
Paclitaxel (Taxol)	No Breakthrough detected up to 240 minutes	0
Thio-Tepa	6.0	
Vincristine Sulfate	No Breakthrough detected up to 240 minutes	0
Methotrexate	No Breakthrough detected up to 240 minutes	0
Mitomycin C	No Breakthrough detected up to 240 minutes	0
Mitoxantrone	No Breakthrough detected up to 240 minutes	0
Ifosfamide (Ifex)	No Breakthrough detected up to 240 minutes	0
*Please Note that the following drugs have low permeation times Cammstine 2.1 minutes, Thiotepa 6.0 minutes		

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