



# FR-40 First Responder Series Nitrile Exam Gloves

## Features and Benefits

- Nitrile
- Exam Grade: FDA 510K & CE
- Powder Free
- Non-Sterile
- **AQL 1.5**
- **Fentanyl Tested**
- **Chemotherapy Tested**
- **Low Dermatitis Potential**
- ASTM D6319, D6978
- EN 455 Parts 1, 2, 3
- Color: Blue
- Texture: Fingertip
- Weight: 4.0 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
N40FRS	Small	100	10	1000
N40FRM	Medium	100	10	1000
N40FRL	Large	100	10	1000
N40FRXL	X-Large	100	10	1000

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# FR-40 First Responder Series Nitrile Exam Gloves

## Specifications

### OVERVIEW

Material	Nitrile
Powder Content	Powder-Free
Freedom From Holes	1.5 AQL
Surface	Fingertip Textured
Weight (Based on Size M)	4.0 gram
Color	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 $\geq$ 0.10mm +/-2 Typical Value 0.11mm
Palm	Spec $\geq$ 0.07mm +/-2 Typical Value 0.08mm

### PHYSICAL PROPERTIES

Criteria	Before Aging	After Aging
Force at Break	Spec $\geq$ 6N Typical Value 7.5N	Spec $\geq$ 6N Typical Value 7.5N

### DIMENSIONS

Item#	Size	Palm Width (mm)	Length
N40FRS	Small	84 (+/- 3)	240mm / 9.5 inches
N40FRM	Medium	94 (+/- 3)	240mm / 9.5 inches
N40FRL	Large	105 (+/- 3)	240mm / 9.5 inches
N40FRXL	Extra-Large	113 (+/- 3)	240mm / 9.5 inches

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<b>Chemotherapy Drug Permeation as per ASTM D6978-05</b>		
<b>Chemotherapy Drugs</b>	<b>Concentration</b>	<b>Breakthrough Detection Time in Minutes</b>
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><b>*Please Note that the following drugs have low permeation times</b>  <b>Cammsstine 11.1 minutes, Thiotepa 40.1 minutes</b></p>		

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

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