



FS Medical Supplies

# Nitrile Gloves



## Certifications

Conforms to ASTM D6319 and EN455 Standards

Manufactured under QSR (GMP), ISO 9001:2015 and  
ISO 13485:2016 Quality Management System



## Product Breakdown

Medical grade

Material: 100% Synthetic Nitrile

Sizes: XS, S, M, L, XL

Colors: Blue, White, Green, Pink, Light Purple,  
Black, Red

Delivery Time: 7 - 14 days (Air)

20 - 30 days (Ocean)

Production Locations: Malaysia, Vietnam,  
United Kingdom

Weight: Approximately 5kg - 6.6kg per carton  
1,000 pieces/carton

## Who We Are

FS Medical Supplies addresses the rapidly growing need for Personal Protective Equipment during the COVID-19 pandemic through high quality products and secure logistics.

## Contact Us

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# Nitrile Gloves - Medical Examination Powder-free, Non-Sterile

Medical use - for medical examinations and procedures to help prevent contamination between healthcare workers and patients.

## NITRILE GLOVE

POWDERED & POWDER-FREE



### Functional Benefits:

- Protection from unwanted or dangerous substances
- Beaded cuff makes donning easy and helps prevent roll back
- Superior strength with better puncture resistance
- Full textured enhances wet and dry grip
- Thinner gauger improves tactile sensitivity
- Custom design enhances comfort and fit
- Provide an alternative solution for individuals who are allergic to natural rubber latex



NITRILE GLOVE

# NITRILE GLOVE

## POWDERED & POWDER-FREE

### Quality Standards

- Conforms to ASTM D6319 and EN455 Standards
- Manufactured under QSR (GMP), ISO 9001:2015 and ISO 13485:2016 Quality Management System

### Glove Sizes

- Extra-Small, Small, Medium, Large, Extra-Large
- Size of gloves shall be marked in the check box on the shipping carton with black ink

### Product Specifications

<b>Type</b>	: Powdered & Powder-Free, Non-sterile
<b>Material</b>	: 100% Synthetic Nitrile
<b>Color</b>	: Blue, White, Green, Pink, Light Purple, Black, Red
<b>Design &amp; Features</b>	: <b><u>Powdered:</u></b> Ambidextrous, finger textured or palm textured surface, beaded cuff, USP grade absorbable cornstarch <b><u>Powder-Free:</u></b> Polymer coated or online single chlorinated, offline double chlorinated, ambidextrous, finger textured or palm textured surface, beaded cuff
<b>Storage</b>	: The gloves shall maintain their properties when stored in a dry condition. Avoid direct sunlight
<b>Shelf-life</b>	: 5 years from the date of manufacturing



### Physical Dimensions

Dimensions	Standards		
	Top Glove	ASTM D3578	EN 455
<b>Length (mm)</b>	Min 230, Min 240, 300 ± 10	Min 220 (XS, S) Min 230 (M, L, XL)	Min 240
<b>Palm Width (mm)</b>			
• XS	76 ± 3	70 ± 10	≤ 80
• S	84 ± 3	80 ± 10	80 ± 10
• M	94 ± 3	95 ± 10	95 ± 10
• L	105 ± 3	110 ± 10	110 ± 10
• XL	113 ± 3	120 ± 10	≥ 110
<b>Thickness : Single Wall (mm)</b>			
• Finger	Min 0.05	Min 0.05	N/A
• Palm	Min 0.05	Min 0.05	N/A

### Physical Properties

Property	ASTM D6319	EN 455
<b>Tensile Strength (MPa)</b>		
• Before Aging	Min 14	N/A
• After Aging	Min 14	N/A
<b>Elongation at Break (%)</b>		
• Before Aging	Min 500	N/A
• After Aging	Min 400	N/A
<b>Median Force at Break (N)</b>		
• Before Aging	N/A	Min 6
• After Aging	N/A	Min 6

### International Quality Certificate Awarded:



Global demand for medical supplies used by our customers to treat and help protect people, such as face shields, is currently exceeding supply. We expect demand for face shields to outpace supply for the foreseeable future. We are sourcing manufacturing facilities around the world, including in the U.S., Asia, Europe, and Latin America as quickly as possible. Around the world, we are working with customers, distributors (like us), government and medical officials to help get supplies to where they are most needed. We are also closely monitoring and responding to any potential impact on the broader supply chain.



**RESULTS:**

Table 5. Permeation Test Results on: Powder Free Nitrile Examination Gloves – Blue; Product Type: OCF35BL; Lot# 60221M05-02

TEST CHEMOTHERAPY DRUG AND CONCENTRATION	MINIMUM BREAKTHROUGH DETECTION TIME (Specimen 1/2/3) (Minutes)	STEADY STATE PERM. RATE (Specimen 1/2/3) ( $\mu\text{g}/\text{cm}^2/\text{minute}$ )	OTHER OBSERVATIONS
Carmustine (BCNU) 3.3 mg/ml (3,300 ppm)	18.2 (18.2,24.6,18.6)	0.3 (0.3,0.3,0.4)	Moderate swelling and no degradation
Cisplatin 1.0 mg/ml (1,000 ppm)	No breakthrough up to 240 min.	N/A	Slight swelling and no degradation
Cyclophosphamide (Cytoxan) 20 mg/ml (20,000 ppm)	No breakthrough up to 240 min.	N/A	Slight swelling and no degradation
Dacarbazine (DTIC) 10.0 mg/ml (10,000 ppm)	No breakthrough up to 240 min.	N/A	Slight swelling and no degradation
Doxorubicin Hydrochloride 2.0 mg/ml (2,000 ppm)	No breakthrough up to 240 min.	N/A	Slight swelling and no degradation
Etoposide (Toposar) 20.0 mg/ml (20,000 ppm)	No breakthrough up to 240 min.	N/A	Slight swelling and no degradation
Fluorouracil 50.0 mg/ml (50,000 ppm)	No breakthrough up to 240 min.	N/A	Slight swelling and no degradation
Paclitaxel (Taxol) 6.0 mg/ml (6,000 ppm)	No breakthrough up to 240 min.	N/A	Moderate swelling and no degradation
Thiotepa 10.0 mg/ml (10,000 ppm)	57.3 (80.7,57.3,69.4)	0.5 (0.4,0.5,0.5)	Slight swelling and no degradation

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