

# CHEMTOUGH

Experience the Toughness



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CHEMTOUGH Green Nitrile Powder Free Glove is well known for its superior protection against chemical splashes or hazardous substances. The glove offers good resistance to chemotherapy drugs and it is suitable for heavy chemical industries. The proprietary nitrile formulation provides better durability and comfortable wear and is fully textured for excellent gripping in both wet and dry conditions.

## Product Features



Chemical  
Resistance



Ambidextrous



Superior Grip  
& Fit



# CHEMTOUGH

Specialized for :



## Healthcare

The healthcare industry requires the highest level of protection. Maintaining cleanliness is essential for the safety of patients and healthcare professionals. Hand is one of the primary routes of transmission of pathogens, hence the main way to prevent infections is to use the correct type of disposable single-use gloves.



## Pharmaceutical

A pharmaceutical is any kind of drug used for medicinal purposes. Gloves act as protection during research production and handling medicine.



## Industrial

Our hands are the basic tool for work performed in light/heavy industries. Working protective gears are necessary, in addition to mechanical injuries, exposure to strong chemicals, lubricants, low or high temperatures, sharp tools, and heavy objects. It is our duty to protect ourselves in everyday tasks and activities.



## Laboratory

Wear gloves when handling hazardous materials, chemicals of unknown toxicity, corrosive materials, and rough or sharp-edged objects. Nitrile gloves are appropriate as protection from incidental splashes or contact with lab chemicals.



# X2260GR Product Datasheet


## CHEMTOUGH Nitrile Powder Free Examination Gloves



### Product Features

- Ultra-soft fit that provides easy comfort
- Latex free, reducing potential allergens
- Protection against chemical and dangerous substances
- Full textured for excellent grip

 100 Pcs / Box  
10 Boxes / Carton

 240mm

 Textured



### Physical Dimension

Length (mm) S, M, L, XL (Min 240)

Width (mm)

S	84 ± 3
M	94 ± 3
L	105 ± 3
XL	113 ± 3

Thickness (mm)

Fingertip	Min. 0.15 ± 0.02
Single Wall Palm	Min. 0.13 ± 0.02

### Physical Properties

#### ASTM Standard ( Before Aging )

Elongation of Break (%) : Min. 500  
Tensile Strength (Mpa) : Min. 14

#### EN Standard ( Before Aging )

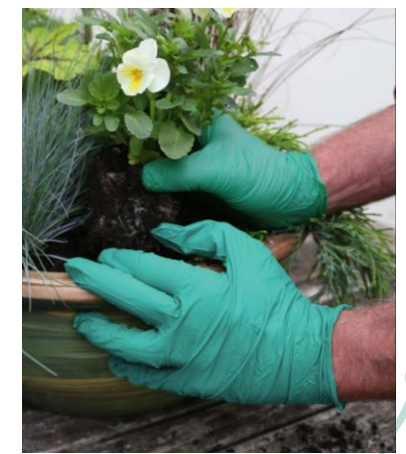
Force at Force (N) : Min. 6

#### ASTM Standard ( After Aging )

Elongation of Break (%) : Min. 400  
Tensile Strength (Mpa) : Min. 14

#### EN Standard ( After Aging )

Force at Force (N) : Min. 6



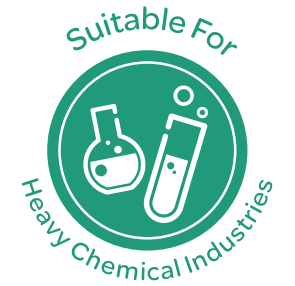
# Functional Benefit

## CHEMTOUGH Nitrile Powder Free Examination Gloves

**CHEMTOUGH**

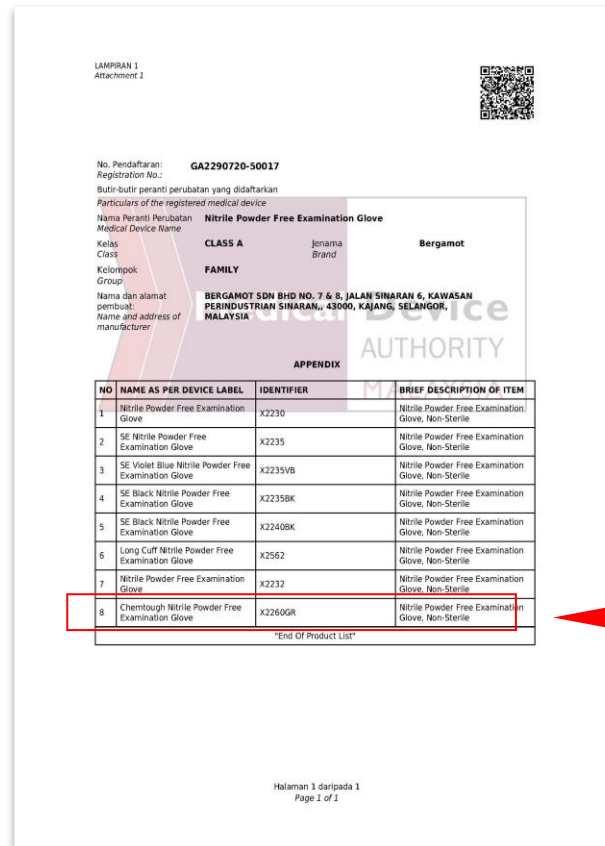
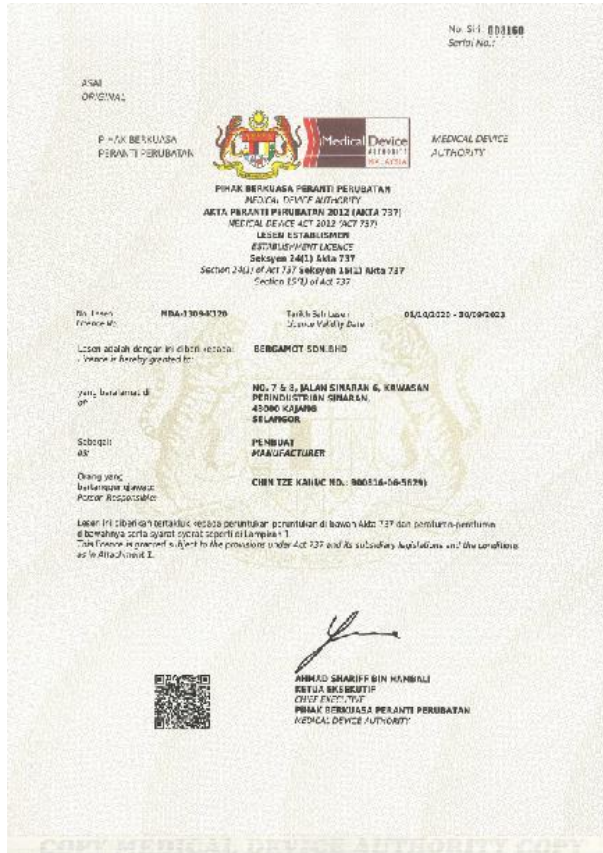
Experience the Toughness

Chemo Drug Tested



 The gloves shall maintain their properties when stored in a dry condition. Avoid direct sunlight.

# Certificates and Test Reports



1	Nitrile Powder Free Examination Glove	X2230	Nitrile Powder Free Examination Glove, Non-Sterile
2	SE Nitrile Powder Free Examination Glove	X2235	Nitrile Powder Free Examination Glove, Non-Sterile
3	SE Violet Blue Nitrile Powder Free Examination Glove	X2235VB	Nitrile Powder Free Examination Glove, Non-Sterile
4	SE Black Nitrile Powder Free Examination Glove	X2235BK	Nitrile Powder Free Examination Glove, Non-Sterile
5	SE Black Nitrile Powder Free Examination Glove	X2240BK	Nitrile Powder Free Examination Glove, Non-Sterile
6	Long Cuff Nitrile Powder Free Examination Glove	X2562	Nitrile Powder Free Examination Glove, Non-Sterile
7	Nitrile Powder Free Examination Glove	X2232	Nitrile Powder Free Examination Glove, Non-Sterile
8	Chemtough Nitrile Powder Free Examination Glove	X2260GR	Nitrile Powder Free Examination Glove, Non-Sterile

MDA Reg No : GA2290720-50017



# Certificates and Test Reports

## ASTM D6978-05



Testing, Development, Problem Solving

August 24, 2021

**-TEST REPORT-**

PN 160690

PHARMACEUTICAL SERVICES

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Rev 101218



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ISO 9001:2015 Registered

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**RESULTS:**  
Table 5. Permeation Test Results on testing of Nitrile Powder Free Examination Gloves, Non-Sterile, Lot Number FNC035BBFT2403R072021, Colour Blue

TEST CHEMOTHERAPY DRUGS	MINIMUM BREAKTHROUGH DETECTION TIME (Specimen 1/2/3) (Minutes)	AVERAGE STEADY STATE PERM. RATE (Specimen 1/2/3) (µg/cm <sup>2</sup> /minute)	OTHER OBSERVATIONS
Carmustine (BCNU), 3.3 mg/ml (3,300 ppm)	14.1 (14.1,19.2,17.3)	0.7 (0.6,0.7,0.9)	Slight swelling and no degradation
Cisplatin, 1 mg/ml (1,000 ppm)	>240 min.	N/A	Slight swelling and no degradation
Cyclophosphamide (Cytosan), 20.0 mg/ml (20,000 ppm)	>240 min.	N/A	Slight swelling and no degradation
Dacarbazine, 10 mg/ml (10,000 ppm)	>240 min.	N/A	Slight swelling and no degradation
Doxorubicin HCl, 2.0 mg/ml (2,000 ppm)	>240 min.	N/A	Slight swelling and no degradation
Etoposide, 20.0 mg/ml (20,000 ppm)	>240 min.	N/A	Slight swelling and no degradation
Fluorouracil, 50.0 mg/ml (50,000 ppm)	>240 min.	N/A	Slight swelling and no degradation
Paclitaxel, 6.0 mg/ml (6,000 ppm)	>240 min.	N/A	Slight swelling and no degradation
ThioTepa, 10.0 mg/ml (10,000 ppm)	34.1 (34.1,39.7,36.9)	1.7 (1.5,1.9,1.6)	Slight swelling and no degradation



TEST CHEMOTHERAPY DRUGS	MINIMUM BREAKTHROUGH DETECTION TIME (Specimen 1/2/3) (Minutes)	AVERAGE STEADY STATE PERM. RATE (Specimen 1/2/3) (µg/cm <sup>2</sup> /minute)	OTHER OBSERVATIONS
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\*ARDL is ISO 17025 accredited by AZLA for the test methods listed on the certificates referenced on page one. Unless specified, the current specification version is used.  
NOTE: Non-ISO 17025 accredited test methods are designated with the \* symbol to differentiate from ISO 17025 accredited methods in the body of the test report.\*

## Assessment of Resistance of Medical Gloves to Permeation by Chemotherapy Drugs

 Do not use gloves with Carmustine and Thiotepa

We proudly launch and introduce to you:





# Contact Us



**Contact our Sales Representative and  
Redeem your free sample now**

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