



NITRILECARE PREMIUM

Nitrile Examination Gloves

The Nitrilecare Premium is manufactured in Malaysia and distributed to North America and the Asia Pacific markets. The heavier 6.0g indigo blue glove meets ASTM viral and chemo standards and has FDA 510(k) approval.



Technical Data Sheet

Type	Powder Free, Examination Glove
Specification	Non-Sterile/Disposable
Cuff	Beaded
Colour	Indigo Blue
Internal Surface	Clorinated
External Surface	Fingertip textured
Primary	Nitrile
Packaging	100 pcs/box – 10 boxes/carton

Size	Weight per size	Width (mm/inch)	Product Code
Small	5.5g ± 0.3g	85 ± 5mm	NG-SCPR-001
Medium	6.0g ± 0.3g	95 ± 5mm	NG-SCPR-002
Large	6.5g ± 0.3g	105 ± 5mm	NG-SCPR-003
Extra-Large	7.0g ± 0.3g	120 ± 5mm	NG-SCPR-004



6.0g

6.0mil

Product Characteristics

Test Method	Characteristics	Requirement	Median
ASTM D6319	Width (mm)	95±10	95 (3.74")
	Length (mm)	≥ 230	240 (9.45")
	Thickness (mm) Finger	≥ 0.05	0.11 (4.3mils)
	Thickness (mm) Palm	≥ 0.05	0.09 (3.5mils)
ASTM D515	Freedom from holes	AQL 2.5	PASS (AQL 1.5)
ASTM D412	(Before accelerated ageing)		
	Tensile Strength Mpa	≥ 14	30
	Ultimate elongation (%)	≥ 500	650
ASTM D573	(After accelerated aging at (70±2° C 166 2 hr).		
	Tensile Strength Mpa	≥ 14	14
	Ultimate elongation (%)	≥ 400	400
ASTM D6124	Powder Control (mg/glove)	≤2.0	0.12

Chemotherapy Drug Permeation Resistance Tested

Chemical Tested	Avg. Time in minutes
Cisplatin, 1.0 mg/ml (1,000 ppm)	>240
Cyclophosphamide (Cytoxan), 20.0 mg/ml (20,000 ppm)	>240
Dacarbazine (DTIC), 10.0 mg/ml (10,000 ppm)	>240
Doxorubicin Hydrochloride, 2.0 mg/ml (2,000 ppm)	>240
Etoposide (Toposar), 20.0 mg/ml (20,000 ppm)	>240
Fluorouracil, 50.0 mg/ml (50,000 ppm)	>240
Paclitaxel (Taxol), 6.0 mg/ml (6,000 ppm)	>240
Vincristine Sulfate, 1.0 mg/ml(1,000 ppm)	>240
Mechlorethamine HCl, 1.0mg/ml(1,00 ppm)	>240
Methotrexate, 25.0mg/ml(25,000ppm)	>240
Mitomycin C, 05 mg/ml(500ppm)	>240
Carmustine (BCNU), 3.3 mg/ml (3,300 ppm)*	10.2
Thiotepa, 10,0mg/ml (10,000 ppm)*	40.5

*Not recommended for use of drugs

Product Standards

Regulatory Standards

FDA 510(k)	K162858
ASTM D6319	Physical Properties
ASTM D6978	Tested for use with Chemotherapy Drugs
ASTM F1671	Viral Penetration

Quality Standards

ISO 13485	Quality Management Systems
ISO 9001	Quality Management Systems
ISO 10993	Skin Sensitization Study
Sedex Approved	Social Compliance

