



NITRILECARE

Nitrile Examination Gloves

The Nitrilecare glove is manufactured in Malaysia and distributed to North America and the Asia Pacific markets. This 3.5g sky blue glove meets ISO quality and ASTM viral standards and holds FDA 510(k) approval.



Technical Data Sheet

| | |
|------------------|--------------------------------|
| Type | Powder Free, Examination Glove |
| Specification | Non-Sterile/Disposable |
| Cuff | Beaded |
| Colour | 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 | 3.2g ± 0.3g | 85 ± 5mm | NG-SDCR-001 |
| Medium | 3.5g ± 0.3g | 95 ± 5mm | NG-SDCR-002 |
| Large | 4.0g ± 0.3g | 105 ± 5mm | NG-SDCR-003 |
| Extra-Large | 4.5g ± 0.3g | 115 ± 5mm | NG-SDCR-004 |



3.5g
3.0mil

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 |
| ASTM D573 | Ultimate elongation (%) | ≥ 400 | 400 |
| | ASTM D6124 | Powder Control (mg/glove) | ≤2.0 |

Chemotherapy Drug Permeation Resistance Tested

| Chemical Tested | Avg. Time in minutes |
|---|----------------------|
| Carmustine (BCNU), 3.3 mg/ml (3,300 ppm)* | >240 |
| Cisplatin, 1.0 mg/ml (1,000 ppm) | >240 |
| Cyclophosphamide (Cytosan), 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 |
| Fentanyl Citrate Injection, 100mcg/2mL | >240 |
| Fluorouracil, 50.0 mg/ml (50,000 ppm) | >240 |
| Ifosfamide, 50.0 mg/ml (50,000 ppm) | >240 |
| Mitoxantrone, 2 mg/ml (2,000 ppm) | >240 |
| Paclitaxel (Taxol), 6.0 mg/ml (6,000 ppm) | >240 |
| Thiotepa, 10,0mg/ml (10,000 ppm)* | 43.9 |
| Vincristine Sulfate, 1.0 mg/ml (1,000 ppm) | >240 |

*Not recommended for use of drugs

Product Standards

Regulatory Standards

| | |
|------------|--|
| FDA 510(k) | K172015 |
| ASTM D6319 | Physical Properties |
| ASTM F1671 | Viral Penetration |
| ASTM D6978 | Tested for use with Chemotherapy Drugs |

Quality Standards

| | |
|----------------|----------------------------|
| ISO 13485 | Quality Management Systems |
| ISO 9001:2015 | Quality Management Systems |
| Sedex Approved | Social Compliance |

