



iSense® Blue Nitrile Disposable Gloves

Intended Use

To protect the user from harmful chemical and substance contamination within industry and trade based work environments.

| Trade Name | Materials | Type | Colour | UOM |
|-----------------------------|--|--|--------|------------|
| iSense® Blue Nitrile Gloves | 100% synthetic nitrile. No powder lubricant added. | Nitrile Examination Glove, powder free, online single chlorinated, non-sterile, ambidextrous, single-use only. | Blue | 100 gloves |

| Surface Finish | Shelf Life | Storage Condition |
|-------------------------------|--|---|
| Finger textured, beaded cuff. | A shelf life of five years from the date of manufacture with the correct storage conditions. | Gloves shall maintain their properties when stored in a dry condition. Avoid direct sunlight. |

Glove Standard



iSense® meets ATSM D6319 for Medical Exam use

Part No.

| | |
|-------------|--------|
| Small | 230001 |
| Medium | 230002 |
| Large | 230003 |
| Extra Large | 230004 |

Australian Government Department of Health

TGA approved Class 1 medical device

| Dimensions | Size | Palm width | Length (mm) |
|-------------------------|-------------|-----------------------------|-----------------------|
| Millimetres (Inches) | Small | 84 ± 3mm (3.31" ± 0.1") | 240 (minimum) (9") |
| | Medium | 94 ± 3mm (3.70" ± 0.1") | 240 (minimum) (9") |
| | Large | 105 ± 3mm (4.13" ± 0.1") | 240 (minimum) (9") |
| | Extra Large | 113 ± 3mm (4.45" ± 0.1") | 240 (minimum) (9") |

| Physical Properties | Un-Aged Spec | Aged Spec |
|---------------------|--------------|-----------|
| Force of Break (N) | Min 7 | Min 6 |
| Elongation (%) | Min 500 | Min 400 |

| Thickness | Palm | Finger |
|-------------------------|-----------------------|------------------------|
| Millimetres (Inches) | >0.11mm (>4.3mils) | >0.143mm (>5.6mils) |

Packaging Configuration & Labelling

| | |
|---------------|---|
| Packaging | 100 gloves per inner box (by weight) 10 boxes per outer carton. |
| Box dimension | 225mm(L) x 120mm(W) x 60mm(D) |
| Labelling | The inner boxes and outer cartons have the following information: Product description, brand, size, and net quantity of gloves. Country of origin, name and address of distributor, and single use only symbol. |
| Barcodes | GS1 format |





ASTM D 6978 Permeation Test Results on: Non-Sterile Powder-Free Nitrile Exam Gloves Blue

| TEST CHEMOTHERAPY DRUG & CONCENTRATION | MINIMUM BREAKTHROUGH DETECTION TIME (Specimen 1/2/3) (Minutes) | AVERAGE STEADY STATE PERM. RATE (Specimen 1/2/3) ($\mu\text{g}/\text{cm}^2/\text{minute}$) | OTHER OBSERVATIONS |
|--|--|--|--------------------------------------|
| Carboplatin 10.0mg/ml (10,000ppm) | No breakthrough up to 240 min. | N/A | Slight swelling and no degradation |
| Carmustine (BCNU), 3.3 mg/ml (3,300ppm) | 1.84 (2.04, 3.44, 1.84) | 0.7 (0.5, 1.5, 0.2) | 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), 20.0 mg/ml (20,000 ppm) | No breakthrough up to 240 min. | N/A | Slight swelling and no degradation |
| Dacarbazine (DTIC), 10.0 mg/ml (10,000ppm) | No breakthrough up to 240 min. | N/A | Slight swelling and no degradation |
| Doxorubicin Hydrochloride, 2.0 mg/ml (2,000ppm) | 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 degradation |
| Fluorouracil, 50.0 mg/ml (50,000 ppm) | No breakthrough up to 240 min. | N/A | Slight swelling and no degradation |
| Ifosfamide, 50.0 mg/ml (50,000 ppm) | No breakthrough up to 240 min. | N/A | Slight swelling and no degradation |
| Methotrexate, 25.0 mg/ml, (25,000 ppm) | No breakthrough up to 240 min. | N/A | Slight swelling and no degradation |
| Mitomycin C, 0.5 mg/ml (500 ppm) | No breakthrough up to 240 min. | N/A | Slight swelling and no degradation |
| Mitoxantrone, 2.0 mg/ml (2,000 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) | 0.76 (2.13, 0.76, 4.48) | 05 (0.2, 0.7, 0.7) | Slight swelling and no degradation |
| Vincristine Sulfate, 1.0 mg/ml (1,000 ppm) | No breakthrough up to 240 min. | N/A | Slight swelling and no degradation |

| TEST DRUG & CONCENTRATION | MINIMUM BREAKTHROUGH DETECTION TIME (Specimen 1/2/3) (Minutes) | AVERAGE STEADY STATE PERM. RATE (Specimen 1/2/3) ($\mu\text{g}/\text{cm}^2/\text{minute}$) | OTHER OBSERVATIONS |
|--|--|--|------------------------------------|
| Fentanyl Citrate Injection, 100.0 mcg/2ml | No breakthrough up to 240 min. | N/A | Slight swelling; no degradation |