

# bastion



## Nitrile Soft Blue Biodegradable Powder Free Gloves



Ultimate solutions in hand protection



# Nitrile Soft Blue Biodegradable Gloves

|                   |  |
|-------------------|--|
| <b>Product:</b>   | Nitrile Soft Blue Biodegradable Powder Free Gloves |
| <b>Material:</b>  | Biodegradable Nitrile                              |
| <b>Type:</b>      | Non Sterile  |
| <b>Design:</b>    | Ambidextrous                                       |
| <b>Feature:</b>   | Micro Textured Fingers                             |
| <b>Cuff:</b>      | Beaded   |
| <b>Usage:</b>     | Single Use only                                    |
| <b>Colour:</b>    | Blue   |
| <b>Packaging:</b> | XS - XL 100/inner, 10 inners/carton                |

## Cuff Dimensions for Nitrile Soft Blue Biodegradable Gloves:

| Codes   | Size | Palm Width (mm) | Length (mm) |
|---------|------|-----------------|-------------|
| BBG1831 | XS   | 80 - 89         | Min. 240    |
| BBG1832 | S    | 90 - 99         | Min. 240    |
| BBG1833 | M    | 100 - 109       | Min. 240    |
| BBG1834 | L    | 110 - 119       | Min. 240    |
| BBG1835 | XL   | 120 - 129       | Min. 240    |

## Thickness:

| Location of Thickness Measurement | Single Wall (mm) |
|-----------------------------------|------------------|
| Finger                            | Min. 0.14        |
| Palm                              | Min. 0.09        |
| Cuff                              | Min. 0.05        |

## Physical Properties:

|                        | Before Aging | After Aging |
|------------------------|--------------|-------------|
| Tensile Strength (MPa) | Min. 14      | Min. 14     |
| Elongation (%)         | Min. 500     | Min. 400    |

**Powder Level:** Powder Free

The biodegradation performance of this glove is certified by an independent laboratory in accordance with standard ASTM D5511. The result determines this glove biodegrades 50% of its mass within 407 days in normal landfill conditions.

## This glove is suitable for use with Chemotherapy drugs as below

| Test Chemotherapy Drugs                           | Minimum Breakthrough Detection Time (Specimen 112/3) (Minutes) |
|---|--|
| Carmustine (BCNU), 3.3 mg/ml (3,300 ppm)          | 24.6<br>(24.6,27.7,26.9)                                       |
| Cisplatin, 1.0 mg/ml (1,000 ppm)                  | >240   |
| Cyclophosphamide (Cytoxan), 20 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   |
| Methotrexate, 25 mg/ml (25,000 ppm)               | >240   |
| Mitomycin C, 0.5 mg/ml (500 ppm)                  | >240   |
| Paclitaxel (Taxol), 6.0 mg/ml (6,000 ppm)         | >240   |
| Thiotepa, (THT) 10.0 mg/ml (10,000 ppm)           | 68.9<br>(76.6,97.6,68.9)                                       |
| Vincristine, 1.0mg/ml (1,000 ppm)                 | >240   |
| Fentanyl Citrate Injection, 100mcg/2ml            | >240   |



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