

FENTANYL RESISTANT - CHEMO TESTED

| Sama Glove <i>Fentanyl Resistant & Chemo Tested</i> | | |
|------------------------------------------------------------|------------------|--------------|
| Length (mm) | ≥ 230 | |
| Thickness Measurements (mm) | | |
| Palm (centre of Palm) | 0.07 ± 0.02 | |
| Finger (13mm ± 3mm from tip) | 0.09 ± 0.02 | |
| Physical Properties | Before Ageing | After Ageing |
| Tensile Strength (MPa) | ≥ 18 | ≥ 16 |
| Elongation (%) | ≥ 500 | ≥ 400 |
| Inspection Levels & AQL | Inspection Level | AQL |
| Watertightness | G1 | 1.50 |
| Physical Dimensions | S2 | 4.00 |
| Tensile Strength | S2 | 4.00 |
| Visual Inspection (Major) | S4 | 2.50 |
| Visual Inspection (Minor) | S4 | 4.00 |
| Particulate Residue | N = 5 | ≤ 2mg/glove |

Chemotherapy Drugs and Concentration

(Tested for Resistance to Permeation by Chemotherapy Drugs as per ASTM D6978-05 Test Report PN 116668)

Minimum Breakthrough Detection Time (minutes)

| | |
|----------------------------------------------------|--------------|
| Carmustine (BCNU), 3.3mg/ml (3,300 ppm) | 15.1 minutes |
| Cisplatin, 1.0mg/ml (1,000 ppm) | >240 minutes |
| Cyclophosphamide (Cytosan), 20.0mg/ml (20,000 ppm) | >240 minutes |
| Dacarbazine (DTIC), 10.0mg/ml (10,000 ppm) | >240 minutes |
| Doxorubicin Hydrochloride, 2.0mg/ml (2,000 ppm) | >240 minutes |
| Etoposide (Toposar), 20.00mg/ml (20,000 ppm) | >240 minutes |
| Fluorouracil, 50.0mg/ml (50,000 ppm) | >240 minutes |
| Methotrexate, 25.0mg/ml (25,000 ppm) | >240 minutes |
| Mitomycin C, 0.5mg/ml (500 ppm) | >240 minutes |
| Paclitaxel (Taxol), 6.0mg/ml (6,000 ppm) | >240 minutes |
| Thiotepa, 10.0mg/ml (10,000 ppm) | 15.4 minutes |
| Vincristine Sulfate, 1.0mg/ml (1,000 ppm) | >240 minutes |

WARNING: Carmustine and Thiotepa, at the tested concentration, degraded the Sama nitrile glove at 15.1 minutes and 15.4 minutes, respectively. The safe use of gloves in chemotherapy treatment is solely the decision of clinicians authorised to make such decision.

