



## PHYSICAL PROPERTIES

| THICKNESS, SINGLE WALL | MM*  | MILS | TEST METHOD   |
|------------------------|------|------|---------------|
| Finger tip             | 0.16 | 6.30 | EN 455-2:2015 |
| Palm                   | 0.14 | 5.51 | EN 455-2:2015 |
| Cuff                   | 0.09 | 3.54 | EN 455-2:2015 |

\* +/- 0.02mm

| LENGTH                                    | MIN   | TYPICAL | TEST METHOD       |
|---|-------|---------|-------------------|
| From tip of middle finger to edge of cuff | 290mm | 300mm   | EN ISO 21420:2020 |

| STRENGTH PROPERTIES   | FORCE AT BREAK | TEST METHOD   |
|-----------------------|----------------|---------------|
| Throughout shelf life | ≥ 6.0 N        | EN 455-2:2015 |

| FREEDOM FROM HOLES             | PERFORMANCE        | TEST METHOD   |
|--------------------------------|--------------------|---------------|
| Acceptable Quality Level (AQL) | 1.5 - Level 3 of 3 | EN 374-2:2016 |

## CLEANLINESS PROPERTIES

| PARTICLES                         | TYPICAL PARTICLE COUNT | TEST METHOD     |
|-----------------------------------|------------------------|-----------------|
| ≥ 0.5µm (counts/cm <sup>2</sup> ) | < 900                  | IEST-RP-CC005.4 |

| EXTRACTABLES (ION)           | TYPICAL VALUE (µg/cm <sup>2</sup> ) | TEST METHOD     |
|------------------------------|-------------------------------------|-----------------|
| Fluoride (F)                 | ND                                  | IEST-RP-CC005.4 |
| Chloride (Cl)                | 0.110                               | IEST-RP-CC005.4 |
| Bromide (Br)                 | ND                                  | IEST-RP-CC005.4 |
| Nitrate (NO <sub>3</sub> )   | 0.318                               | IEST-RP-CC005.4 |
| Phosphate (PO <sub>4</sub> ) | ND                                  | IEST-RP-CC005.4 |
| Sulphate (SO <sub>4</sub> )  | 0.021                               | IEST-RP-CC005.4 |
| Sodium (Na)                  | 0.006                               | IEST-RP-CC005.4 |
| Ammonium (NH <sub>4</sub> )  | 0.014                               | IEST-RP-CC005.4 |
| Potassium (K)                | 0.034                               | IEST-RP-CC005.4 |
| Calcium (Ca)                 | 0.522                               | IEST-RP-CC005.4 |
| Magnesium (Mg)               | ND                                  | IEST-RP-CC005.4 |
| Zinc (Zn)                    | ND                                  | IEST-RP-CC005.4 |

\* ND = Not Detected



## PERMEATION TEST AGAINST CHEMO DRUGS

| CHEMOTHERAPY DRUGS | BREAKTHROUGH TIME (MINS) | TEST METHOD   |
|--------------------|--------------------------|---------------|
| Carmustine         | 48 min                   | ASTM D6978-05 |
| Cisplatin          | > 240 min                | ASTM D6978-05 |
| Cyclophosphamide   | > 240 min                | ASTM D6978-05 |
| Doxorubicin HCl    | > 240 min                | ASTM D6978-05 |
| Etoposide          | > 240 min                | ASTM D6978-05 |
| Fluorouracil       | > 240 min                | ASTM D6978-05 |
| Methotrexate       | > 240 min                | ASTM D6978-05 |
| Paclitaxel         | > 240 min                | ASTM D6978-05 |
| Thiotepa           | 108 min                  | ASTM D6978-05 |

## TECHNICAL PROPERTIES

| NORM                                      | TEST REFERENCE                             | EXPLANATION   |
|---|--|---|
| Chemical innocuousness                    | EN ISO 21420:2020                          | Ensures the gloves do not adversely affect the health of the user.<br>The materials present in the gloves must not release substances that are toxic. |
| Sizing & dexterity                        | EN ISO 21420:2020 and<br>EN ISO 374-2:2019 | Determines sizing compliance and glove dexterity  |
| Air leak & water leak                     | EN ISO 374-2:2019                          | Assesses the resistance of the glove to penetration   |
| Chemical degradation                      | EN ISO 374-4:2019                          | Determines the resistance to degradation by dangerous chemicals   |
| Chemical permeation                       | EN 16523-1:2015+A1:2018                    | Determines the resistance of protective glove materials to permeation by potentially hazardous non-gaseous chemicals                                  |
| Viral penetration                         | EN 16604:2004                              | Assesses the resistance of glove materials to penetration by blood-borne pathogens  |
| Endotoxin test                            | EN 455-3, USP                              | Specifies requirements for the evaluation of biological safety for gloves   |
| Permeation based on<br>Chemotherapy Drugs | ASTM D6978-05 (2019)                       | Assesses the resistance of glove materials to permeation by potentially hazardous chemotherapy drugs  |

## LOADING

|                    | EURO-PALLET                                   | STANDARD PALLET                               |
|--------------------|---|---|
| Pallet size        | W80 L120cm                                    | W100 L120cm                                   |
| Gross weight       | 6.3 - 8.3kg                                   | 6.3 - 8.3kg                                   |
| Carton size        | W28 L32 H30cm                                 | W28 L32 H30cm                                 |
| Nett weight        | 4.5 - 6.5kg                                   | 4.5 - 6.5kg                                   |
| Air freight pallet | Max height: 135cm<br>Layers: 4<br>Cartons: 32 | Max height: 135cm<br>Layers: 4<br>Cartons: 48 |
| Sea freight pallet | Max height: 165cm<br>Layers: 5<br>Cartons: 40 | Max height: 165cm<br>Layers: 5<br>Cartons: 60 |

## DOCUMENTATION



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