

MICROMIUM SERIES



STERILE

WL-MMS-00



Key features

- New material **MICROMIUM®**, light and very low contaminant
- Cleanroom apparel compatible from ISO class 4
- Sealed packaging by pair with an Easy Tear system
- Overpack by 25 pairs
- Apparel sterilised by gamma irradiation

Design features

- Bound seams and tunneled elastics
- Folded sleeve to gowning easier, and to prevent the contact with the outside surface
- Elastic cuffs and thumb loops
- Long length: 50cm

Production setting

- Manufactured in a controlled environment and a facility holding ISO 9001:2015 certification

Applications

- Pharmaceutical and cosmetic industries
- Biotech and research lab
- High-tech industries
- Medical device

Packaging and tracking

100 pairs per carton



Tracking number from carton to the garment

Big bag sealed by clip



Secondary transparent sealed bag by 25 pairs



One pair per sealed bag with «Easy Tear» system



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STERILE – GAMMA IRRADIATION

| PHYSICAL PERFORMANCE | | |
|----------------------------|-------------|---------|
| Fabric Physical Properties | Test Method | Results |
| Abrasion resistance | ISO 12947-2 | Class 2 |
| Flex cracking | ISO 7854 B | Class 6 |
| Trapezoidal Tear | ISO 9073-4 | Class 1 |
| Tensile strength | ISO 13934-1 | Class 1 |
| Puncture resistance | EN863 | Class 1 |

| RESISTANCE TO WATER PENETRATION - INCREASING HYDROSTATIC PRESSURE | |
|---|-------------------------|
| Test method | Results |
| ISO 811 :2018 | 150 cm H ₂ O |

| STERILIZATION METHOD |
|----------------------------|
| GAMMA irradiation (25 kGy) |

| CLEANLESS | | | |
|-------------|-----------------|--|------------|
| HELMKE DRUM | Test method | Particule emission rate $\geq 0.3 \mu\text{M}$ | Result |
| | IEST-RP-CC003.4 | $\leq 2\ 000$ | Category 1 |

| PACKAGING | | | |
|------------------|---|-------------------------|--------------------------|
| TRIPLE PACKAGING | First | Second | Third |
| | 2 units - Sealed and vacuum Easytear system | 50 units closed by clip | 200 units closed by clip |

| Norm ASTM F739-20 - PERMEATION CHEMICALS : CYTOSTATIC DRUGS | | | | |
|---|---------------|------------|--------------------------------------|--------------------------------------|
| Product name | Concentration | CAS Number | Breakthrough time (BT) (min)- BT 0.1 | Breakthrough time (BT) (min)- BT 0.1 |
| 5-Fluorouracile | 50 mg/ml | 51-21-8 | > 480 | > 480 |
| Carmustine | 3.3 mg/ml | 154-93-8 | < 235 | > 480 |
| Cisplatine | 1 mg/ml | 15663-27-1 | > 480l | > 480 |
| Cyclophosphamide | 20 mg/ml | 50-18-0 | < 31 | < 175 |
| Doxorubicin HCl | 2 mg/ml | 25136-40-9 | > 480 | > 480 |
| Etoposide | 20 mg/ml | 33419-42-0 | > 480 | > 480 |
| Methotrexate | 25 mg/ml | 59-05-2 | > 480 | > 480 |
| Paclitaxel | 6 mg/ml | 33069-62-4 | > 480 | > 480 |
| ThioTEPA | 10 mg/ml | 52-24-4 | < 40 | < 128 |

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| SIZE | |
|--------|-------|
| Length | Width |
| 50 cm | 20 cm |

| PACKING CARTON | | | | |
|----------------|-------|--------|-----------------|----------------------|
| | Units | Weight | Sizes | Volume |
| Carton | 200 | 5.3 KG | 43 X 34 X 32 CM | 0,052 M ³ |
| Pallet | 4 800 | 140 KG | 80 X 120 CM | N/A |

GENCOD : 3701012802442

CUSTOM CODE : 6217100090