

MICROMIUM SERIES



STERILE

WL-PLMIS-0X



**SIZE
S to XXXL**

Key features

- New material **MICROMIUM**[®], light and very low contaminant
- Cleanroom apparel compatible from ISO class 4
- Standardised chemical splash suit, Category III Type 5/6
- Double packaging fully sealed
- Apparel sterilised by gamma irradiation

Design features

- Integrated overboot with elasticated wrap at ankle - Anti-slip sole
- Bound seams and tunneled elastics
- Three-panel hood
- Elasticated thumb loop
- Adhesive protective flap
- Elasticated hood, waist, cuffs and ankles

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

25 units
per carton



Tracking number from carton to the garment

Big bag sealed
by clip



1st individual polybag
sealed



2nd individual sealed polybag
with an «Easytear» system



MICROMIUM SERIES



WL-PLMIS-0X
WITH BOOTS
STERILE GAMMA IRRADIATION

PHYSICAL PERFORMANCE

| Fabric Physical Properties | Test Method | Results |
|----------------------------|-------------|---------|
| Abrasion resistance | ISO 12947-2 | Class 3 |
| 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 |

FABRIC RESISTANCE TO PENETRATION BY LIQUIDS EN ISO 6530

| Fabric Chemical Properties | Penetration | Repellency |
|----------------------------|-------------|------------|
| Sulphuric Acid 30% | Class 3 | Class 3 |
| Sodium Hydroxide 10% | Class 3 | Class 3 |
| Butan-1-ol | Class 3 | Class 3 |
| o-xylene | Class 3 | Class 2 |

WHOLE SUIT TEST PERFORMANCE

| | |
|---|---------|
| Dry particles Type 5 Method as defined by EN ISO 13982-1:2004 + A1:2010 | Pass |
| Light splashes Type 6 Method as defined by EN 13034 : 2005 +A1: 2009 | Pass |
| Seam Strength ISO 13935-2 | Class 3 |

STERILIZATION METHOD

GAMMA irradiation (25 kGy)

CLEANLESS

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

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 |

CHART SIZE

| Size | WeeSafe code | Body Height | Chest |
|-------------|--------------|-------------|------------|
| S | WL-PLMIS-01 | 162-170 cm | 84-92 cm |
| M | WL-PLMIS-02 | 170-176 cm | 92-100 cm |
| L | WL-PLMIS-03 | 176-182 cm | 100-108 cm |
| XL | WL-PLMIS-04 | 182-188 cm | 108-116 cm |
| XXL | WL-PLMIS-05 | 188-194 cm | 116-124 cm |
| XXXL | WL-PLMIS-06 | 192-200 cm | 124-132 cm |

PACKAGING

| TRIPLE PACKAGING | First | Second | Third |
|------------------|--|-----------------|-------------------------|
| | 1 unit - Sealed and vacuum Easytear system | 1 unit - Sealed | 25 units closed by clip |

PACKING CARTON

| | Units | Weight | Sizes | Volume |
|--------|-------|--------|-----------------|----------------------|
| Carton | 25 | 9,3 KG | 32 X 27 X 70 CM | 0,0588 ^{M3} |
| Pallet | 500 | 196 KG | 80 X 120 CM | N/A |

GENCOD

| | | | | | | |
|-----|----------|---------------|-----------|---------------|------------|---------------|
| BAG | S | 3701012802381 | L | 3701012802404 | 2XL | 3701012802428 |
| | M | 3701012802398 | XL | 3701012802411 | 3XL | 3701012802435 |

CUSTOM CODE : 6210109800