

# MICROMIUM SERIES



STERILE

WL-PLMS-0X



SIZE  
S to XXXL

## Key features

- New material **MICROMIUM**<sup>®</sup>, 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

- 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



Big bag sealed  
by clip



1st individual polybag  
sealed



2nd individual sealed polybag  
with an «Easytear» system



Tracking number from carton to the garment

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

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

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	> 480	> 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	
<b>S</b>	WL-PLMS-01	162-170 cm	84-92 cm	
<b>M</b>	WL-PLMS-02	170-176 cm	92-100 cm	
<b>L</b>	WL-PLMS-03	176-182 cm	100-108 cm	
<b>XL</b>	WL-PLMS-04	182-188 cm	108-116 cm	
<b>XXL</b>	WL-PLMS-05	188-194 cm	116-124 cm	
<b>XXXL</b>	WL-PLMS-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	8 KG	32 X 27 X 62 CM	0,0588 <sup>M3</sup>
Pallet	20	170 KG	80 X 120 CM	N/A

GENCOD						
BAG	S	3701012802268	L	3701012802282	2XL	3701012802305
	M	3701012802275	XL	3701012802299	3XL	3701012802312

**CUSTOM CODE : 6210109800**