

MICROMIUM SERIES



STERILE

WL-CBEMS-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
- PVC Slip resistant soles
- Holding string at ankle
- Height: 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



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	Particulate emission rate $\geq 0.3 \mu\text{m}$	Result
	IENT-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
Cisplatin	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

PACKAGING			
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SIZE		
Height	Length sole	Width sole
47 cm	36 cm	13 cm

PACKING CARTON				
	Units	Weight	Sizes	Volume
Carton	200	11,3 KG	44 X 34 X 48 CM	0,053 M ³
Pallet	4 000	270 KG	80 X 120 CM	N/A

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