

Technical Data Sheet

WL-MMS-00

Sterile protective sleeve for clean rooms and controlled environments
Personal Protective Equipment Cat. I

FEATURES & BENEFITS

- **New lightweight MICROMIUM® material:** Excellent freedom of movement and comfort for extended wear in controlled environments.
- **ISO 4 compatible (IEST Category 1):** Low particle emission for optimal contamination control.
- **Optimised donning design:** Folded cuff and Easy Tear packaging enable quick donning while minimising contamination risks.
- **Gamma irradiated sterilisation:** Supplied sterile and ready to use for aseptic applications and cleanrooms.
- **Secure fit and extended protection:** Elasticated thumb loop, enclosed elastic bands and 50 cm length provide a secure fit and enhanced forearm coverage.
- **High-quality finish:** Bound seams ensure improved durability and enhanced wearer comfort.



Recommended uses

- Pharmaceutical and cosmetic industries
- Biotechnology
- Research laboratories
- High-tech industries
- Medical field

PRODUCT DETAILS

Product name :	WeePro® Labo sterile sleeve
Product type :	Single use, sterile
Material :	Micromium – Microporous film
Grammage :	55 g/m ²
Seams :	Bound
Color :	White
Qty / case :	100 pairs
Origin :	China

STANDARDS & CERTIFICATIONS

- Compliant with the requirements of Regulation (EU) 2016/425 on Personal Protective Equipment
- Manufactured under an ISO 9001 certified system

PHYSICAL PROPERTIES OF THE FABRIC

Tests	Test method	Results	Class
Abrasion resistance	EN 530	>100 cycles	Class 2/6
Flex cracking resistance	ISO 7854 B	> 50 000 cycles	Class 6/6
Tear resistance	ISO 9073-4	44.8 N (MD) / 15.9 N (CD)	Class 1/6
Tensile strength	ISO 13934-1	84 N (MD) / 41 N (CD)	Class 1/6
Puncture resistance	EN 863	8 N	Class 1/6

RESISTANCE TO WATER PENETRATION – HYDROSTATIC PRESSURE TEST

Test method	Results
ISO 811 : 2018	150 cm H ₂ O

PARTICLE CLEANLINESS – HELMKE DRUM TEST

Test method	Particle Emission Rate $\geq 0.3 \mu\text{m}$	Results
TEST-RP-CC003.4	$\leq 2\,000$	Category 1

MATERIAL RESISTANCE TO CYTOSTATIC DRUG PERMEATION – ASTM F739-20

Tested chemical	Concentration	CAS number	Breakthrough time (min)	
			0.1*	1.0*
5-Fluorouracil	50 mg/ml	21-21-8	> 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	25136-40-8	> 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
Thio Tapa	10 mg/ml	52-24-4	< 40	< 128

*Last time point of the preceding sampling interval before the permeation rate reaches 0.1 or 1.0 $\mu\text{g}/\text{cm}^2/\text{min}.$

STORAGE CONDITIONS

Normal storage and conservation conditions: Should not be exposed to moisture and sunlight and should be stored at room temperature.

Product shelf life: 3 years

LOGISTICS

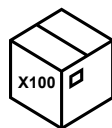


**Outer case
Spec.**

Item	Size mm	Gross weight (kg)	QTY/ pallet
WL-MMS-00	430 xx 340 x 350	5,4	24

PACKAGING and TRACKING

100 pairs per
case



Large sealed
bag with clip



Sub-packaging
with 25 pairs



One pair in vacuum-
sealed individual pouch
with "Easytear"



Traceable batch number from the case to the garment



Ean Code

Article	Carton
WL-MMS-00	3 701 012 802 442