Isofield®
Protecting Life Science

Isofield Horizon Overboots

Non-Sterile Cleanroom Overboots





Elasticated Ankles Option*

Last updated **20 Oct 2026**

PRODUCT CODE	
REF 80760 UNIVERSAL SIZE	CE 2797

PRODUCT INFO

Non-sterile Cleanroom overboots
50cm knee height
Two ties for added security
Anti-slip sole
Aseptically folded

***NOTES**

- Elasticated ankles option is available upon request
- CE marking is only applicable for the two ties option

CLEANROOM COMPATIBILITY

ISO Class 4 cleanroom
ISO Class 5 cleanroom

Class 10 cleanroom
Class 100 cleanroom

QUALITY ASSURANCE

Manufactured in a facility operating under ISO 9001:2015 quality management system

Processed in a NEBB certified ISO Class 5 cleanroom

APPLICATIONS

Pharmaceutical product preparation
Cleanroom cleaning and preparation
Medical device manufacturing
Blending operations for biotechnologies
Handling of active materials
Maintenance of equipment and instruments

STORAGE & SHELF LIFE

Store in a dry, cool place (<40°C) away from direct sunlight

Do not expose open cartons to prolonged direct fluorescent light

Three (3) years from date of manufacture

PACKAGING

10 pairs per double bag,
8 sealed outer cleanroom bags,
80 pairs per carton

MATERIAL PERFORMANCE PARAMETERS

DESCRIPTION	UNITS	METHOD	SPECIFICATION	TYPICAL
Basic Weight	g/m^2	ISO 9073-1-1989	±2	60
Machine Direction Strength	N/5cm		≥50	69
Machine Direction Elongation	%		≥100	109
Cross Direction Strength	N/5cm		≥25	43
Cross Direction Elongation	%		≥100	111
Hydrostatic Head	mmH_20	ISO 811-1981	≥100	213
Air Permeability	$l/m^2/S$	GB/T5453	≥	2000
Surface Resistivity	Ω	ISO 9073-1-1989	/	10^7
Slip Resistance	Coefficient of Friction (COF)	ASTM D1894	≥0.5	0.6 (Static) 0.5 (Dynamic)

HELMKE DRUM TEST RESULT

PARTICLE SIZE	CUMULATIVE RELEASE RATE (COUNTS/MIN)	SPECIFICATION	TYPICAL
≥ 0.3µm	547	less than 2000	<400
≥ 0.5µm	222	less than 1200	<1000

ASTM F739-20 TEST METHOD

CHEMOTHERAPY DRUGS TESTED	MEAN BREAKTHROUGH TIME (MBT), MINUTES BREAKTHROUGH OF THE TEST CHEMICAL IS DEEMED TO HAVE OCCURRED WHEN THE PERMEATION RATE HAS REACHED 0.11 µG/CM²/MIN*
Carmustine	30 mins
Cisplatin	> 480 mins
Cyclophosphamide	> 480 mins
Doxorubicin HCl	> 480 mins
Etoposide	> 480 mins
Fluorouracil	> 480 mins
Methotrexate	> 480 mins
Paclitaxel	> 480 mins
Thiotepa	60 mins

*Results achieved under controlled laboratory conditions, by accredited ISO 17025 third party testing laboratory

LOADING

	EURO-PALLET	STANDARD PALLET
Pallet size	W80 L120cm	W100 L120cm
Gross weight	7kg	7kg
Carton size	W43 L28 H31cm	W43 L28 H31cm
Nett weight	6kg	6kg
Air freight pallet	Max height: 139cm Layers: 4 Cartons: 24	Max height: 139cm Layers: 4 Cartons: 32
Sea freight pallet	Max height: 170cm Layers: 5 Cartons: 30	Max height: 170cm Layers: 5 Cartons: 40

DOCUMENTATION

CERTIFICATE OF CONFORMANCE (COC)
CERTIFICATE OF ANALYSIS (COA)
CERTIFICATE OF PROCESSING (COP)

View sample of COC, COA, COP

FACTORY RELATED CERTIFICATIONS

To request ISO9001 Certificate, please email us



Country of Origin: China
HS Code: 6210109000

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