국내, 국제 규격에 맞는 보호작업복 !

3개 품목을 한 진공 포장으로 공급

Coverall + Boots + Mask

Disposal, Dust Free, Gamma irradiation

Coverall Set

일회용 SMS 부직포 무진, 멸균 일체형 Coverall Set

판매처 : (주)엘케이랩코리아
Tel : 031-573-4952
e-Mail : info@lklab.com

1. 제품 번호: 1985C

SMS material

Spunbond (PP)
Meltblown (PP)
Spunbond (PP)

Fluids

Perspiration
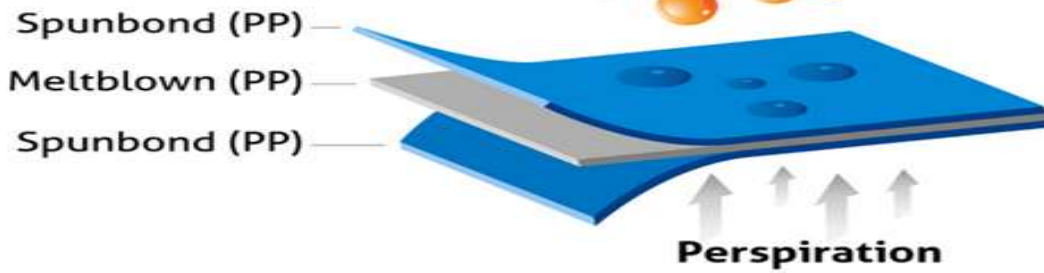
Our type disposal nonwoven SMS coverall is lightweight, soft, comfortable and breathable

It is eco-friendly, non-toxic, water-proof and dust-proof (free), and is used in various industries to protect body against water and dust and in Lab and factories to protect chemicals.

. 일회용 일체형 SMS 무진, 멸균복은 가볍고, 부드럽고 쾌적하고 공기 소통이 되는 제품입니다..

본 제품은 친환경적, 무독성, 방수, 무진으로 물, 먼지, 실험실에서 약품으로부터 신체를 보호합니다.

2. Protection Levels

IEST 기준 : Category I

CE 기준 :

CE CAT 3 Type 5 Type 6

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3. 제품 규격

"With Hood, Single flap over the zipper, White textile zipper with 2 sliders.
Elastic on hood, ankle, waist, wrist. With neck label and chest label.
원단 : SMS 부직포　50 g/ m²

Serged Seams(견모교직, 絹毛交織)

내구력 증가 및 액체, 분진의 효과적 차단
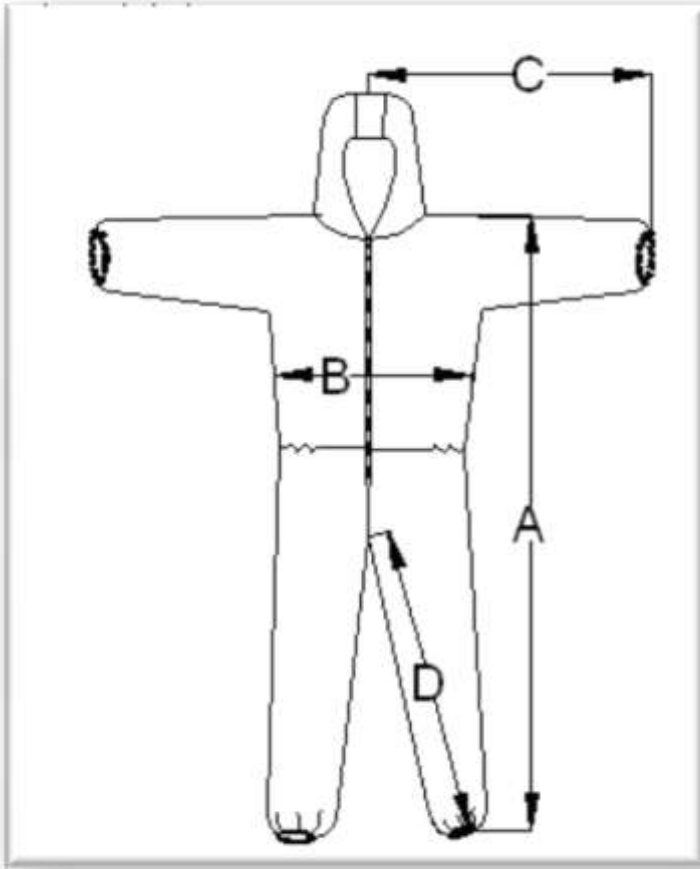
4. Certificate

1) Certificate of Gamma Irradiation

2) Certificate of Dust Propensity
(일본 섬유검사소 발행)

기준	IEST-RP_CC003.3 Cleanliness Standard	European Standard
	Category I	**Category III**

5. 개체포장의 구성품 : Coverall + Boots + Mask

6. Coverall 제품치수

Dimension of finished product （CM）							
	S	M	L	XL	2XL	3XL	+/-
A(Overall ength)	160	161	167	169	177	184	2
B(Chenst Width)	56	60	65	67	70	75	2
C(Sleeve Length)	84	86	89	91	94	97	2
D(Inseam)	72	74	78	80	84	87	2

부스 치수
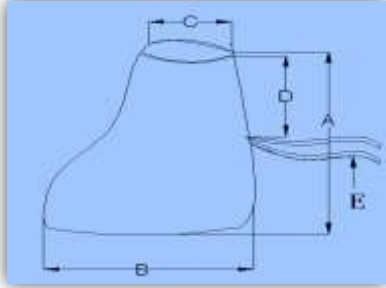
Dimension of finished product （CM)		
	CM	tolerance
A	45	2
B	37	1
C	12-13	
C	24	1
D	20	1
E	50	2

마스크 치수
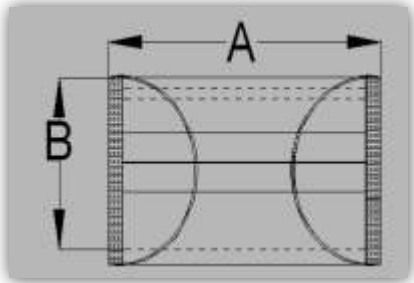
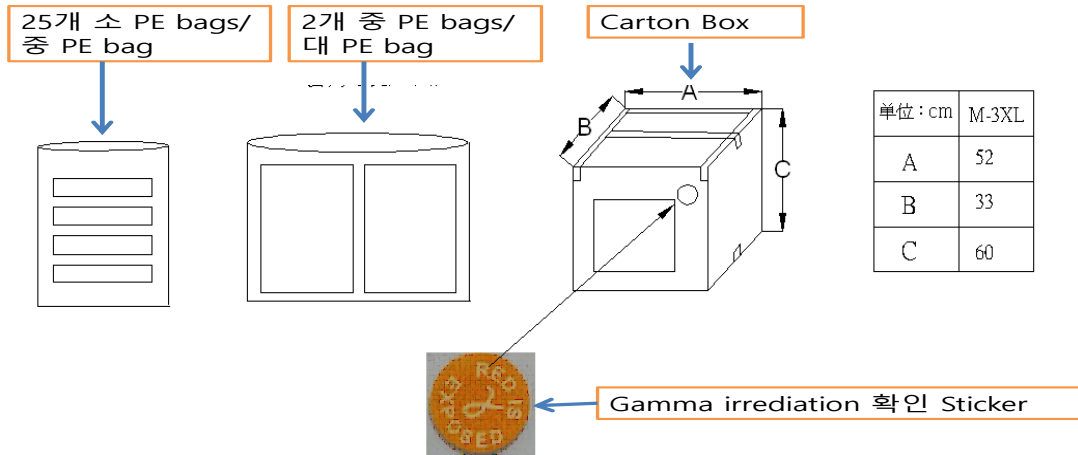| Dimension of finished product （CM)		
		tolerance
A	17.5	0.2
B	9.5	0.2
C	8.5	1

7. 감마 멸균 확인 Sticker 및 포장

● 한 벌 진공 개별 PE bag

● 개별 PE bag 표면에 감마 멸균 확인 Sticker 부착
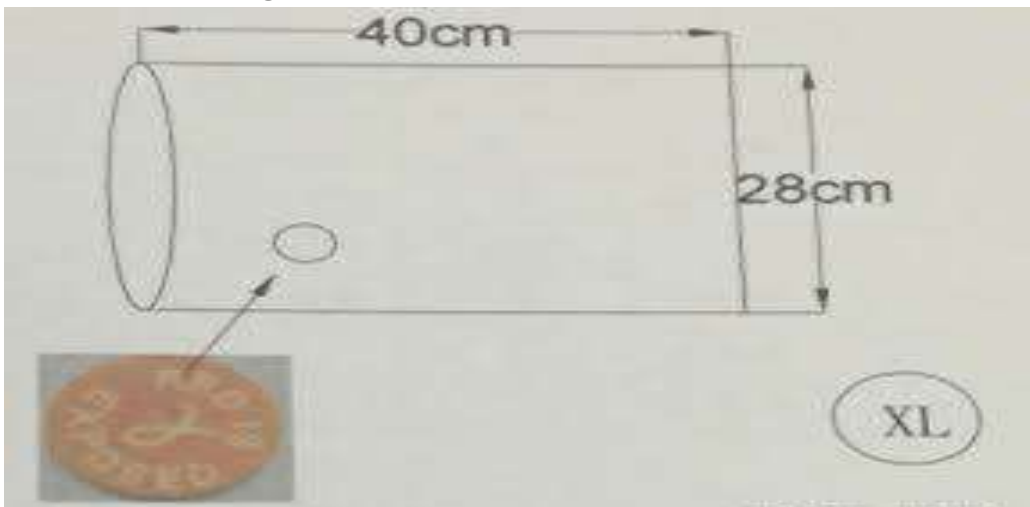
Piece & dual PE bag Packing , Carton box packing

Piece & dual PE Bag Package, Out carton Box

- 25개 소 PE bags/ 중 PE bag
- 2개 중 PE bags/ 대 PE bag
- Carton Box
- Gamma irrediation 확인 Sticker

単位 : cm	M-3XL
A	52
B	33
C	60

8. 타사제품과 비교

1. 공급회사		지바이오텍	국내 U.H사	비 고
2. 원단재질		SMS	SMS	3중PP부직포
3.Protection Level(보호복구분)		CE CAT 3 type 5	5형식	CE규정과 보호구 안전인증고시제2014- 46호규정과 동일
		CE CAT 3 type 6	6형식	
4. 무진검사		Yes	No	
5. 이중멸균 포장		Yes	No	
6. Size		S~3XL (6종)	L , XL (2종)	감마멸균
7. 멸균처리	제품	Yes	No	
	포장	Yes	No	
8. 소포장 구성	Coverall	Yes	Yes	3품목 1Set구성
	Boots	Yes	No	
	Mask	Yes	No	

9. 의약품 제조 및 품질관리에 관한 규정

식품의약품안전처 고시 제2015-35호(2015. 6. 17, 제정)

청정구역 작업복을 세탁하고 취급할 때에는, 오염물질이 작업복에 붙어 있다가 나중에 떨어지는 일이 생기지 않도록 하여야 한다. 이러한 작업은 문서화된 절차에 따라 수행하여야 한다

10. Coverall 보푸라기 기준

(Protective Coverall   Linting Data)

European Standards		
Catagry	Conception	Properties
Category I	Simple	For areas of ' minimal risks' which are not suitable to protect against any form of hazard. Such products are selt-certified
Category II	intermediate	For areas if specific risk i.e. mechanical risk. Such products will have CE Type Test against European Test methods and certificate by a notified body.
Category III	Complex	For areas / applications than can seriously or irreversibly harm the health. Such products, in addition to the CE type test will have bee either produced under an approved quality system or to be tested on an annual basis

Institute of Environmental Sciences and Technology (IEST) 기준

Coverall	Emission rate for particles ≥0.3μm	Emission rate for particles ≥0.5μm
Category I	< 2,000	< 1,200
Category II	2,000 – 20,000	1,200 – 12,000
Category III	20,000 – 200,000	12,000 – 120,000

참조:http://multimedia.3m.com/mws/media/751125O/3m-protective-coveralls-linting-technical-bulletin.pdf

11. **Coveralls, European Standards**, Category III

TYPES	Pictorial Symbol		Properties
TYPE 6		EN 13034	Limited protection against liquid spray
TYPE 5		EN 13982-1	Protection against solid particulates
TYPE 4		EN 14605	Protection against saturating spray of liquids
TYPE 3		EN 14605	Protection against strong & directional jets of liquid
TYPE 2		EN 943-1	Non-gas-tight protection against liquids, gases & solid particulates
TYPE 1		EN 943-1 EN 943-2	Gas-Tight protection against liquids, gases & solid particulates
		EN 1149-5	Protective clothing- Electrostatic properties
		EN 14126	Protective clothing against infective agents
		EN 1073-2	Protective clothing against radioactive contamination
		EN ISO 14116	Limited fire spread protective

COVERALL