

HCT PPE is White Low-Linting Fabric, Sterile, & Individually Packaged

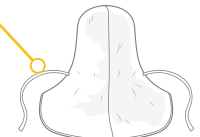
Range:	Tolerance:
0-30cm	+/- 0.635cm
30-61cm	+/- 1.27cm
>61cm	+/- 2.54cm

Hoods

White 50GSM SF fabric. Features a tie-back to properly fit any user's head size.

Item ID:
• HCTHDIR

Size: One Size Fits All



Back of Hood

Coveralls

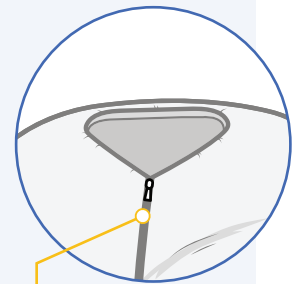
White 55GSM SF fabric.

Item ID:

- HCTCVRLIR-S
- HCTCVRLIR-M
- HCTCVRLIR-L
- HCTCVRLIR-XL
- HCTCVRLIR-2XL
- HCTCVRLIR-3XL
- HCTCVRLIR-4XL
- HCTCVRLIR-5XL

Size:

- Small
- Medium
- Large
- XL
- 2XL
- 3XL
- 4XL
- 5XL



Coveralls have zipper closure

Tunnel-knit cuffs on wrist with thumb loop

Boot Covers

White 63GSM SF fabric boots with anti-skid bottoms.

Item ID:

- HCTBOOTCIR-S/M
- HCTBOOTCIR-L/XL
- HCTBOOTCIR-2XL/3XL

Size:

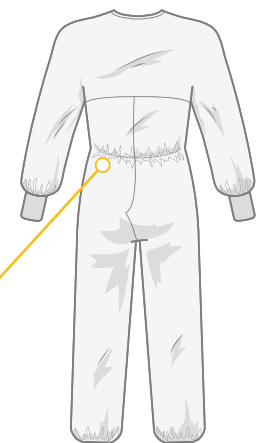
- Small/Medium
- L/XL
- 2XL/3XL

Tunneled elastic on top

Double ties

Tunneled elastic on ankles

Back of coveralls



Tunneled elastic on back half of waist



Hoods

Item ID: HCTHDIR | One Size Fits All | Qty: 100/CS



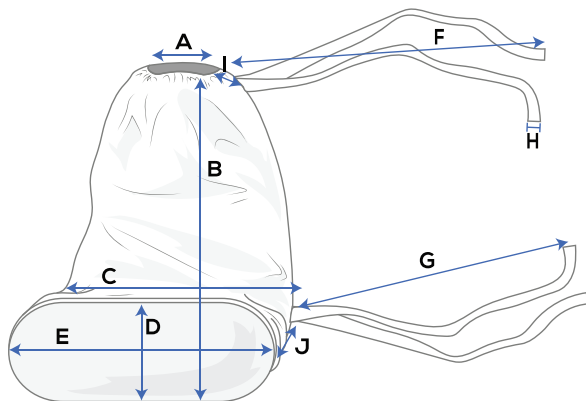
Coveralls

Item ID: HCTCVRLIR | Qty: 25/CS

Sizing	S	M	L	XL	2XL	3XL	4XL	5XL
Overall length	150	156	162	168	174	180	186	202
Torso length	88	90	92	94	98	102	106	112
Zipper length	70	70	70	75	75	78	78	78
Inseam	62	66	70	74	76	78	80	80
Chest width	92	100	108	116	124	132	140	148
Collar seam to waist elastic	47	48	54	55	56	57	59	61
Overall arm length	162	167	172	180	185	190	195	200
Sleeve length	55	56	58	60	60	64	64	66
Sleeve width	33	33	33	34	34	36	38	38
Relaxed wrist opening	8	8	8	8	8	8	8	8
Stretched wrist opening	15.2	15.2	16	16	16	16	17	17
Relaxed ankle opening	12	12	12	12	14	14	14	14
Stretched ankle opening	24.1	24.1	26	26.7	26.7	26.7	28	28
Relaxed waist opening	29	29	35	35	38	38	38	38
Stretched waist opening	52	52	60	60	62	62	62	64

Boot Covers

Item ID: HCTBOOTCIR | Qty: 50 Pairs/CS



Sizing	S/M	L/XL	2XL/3XL	
Foot opening width	A	28	30	32
Boot height	B	41	46	51
Boot width	C	35	37	39
Anti-skid bottom width	D	13	13	14
Anti-skid bottom length	E	29	34	37
Upper tie length	F	29	36	45
Lower tie length	G	42	52	65
Tie width	H	2	2	2
Upper tie - Foot opening	I	5	5	5
Lower tie - Heel	J	10	10	10

Measurements are in centimeters



SGS HCTCVRLIR Coverall Testing Results:

SGS Test Report #SL5240525158160ITX
Sample Color: White
Composition: PP 60% + PE 40%
Testing Period: Jan 22, 2024 - Jan 31, 2024
Requirements Met: YES



SGS Helmke Drum Test Results:

(IEST-RP-CC003.4, Appendix B2.5)	Unit	A
Particle Emission Rate for Particles $\geq 0.3\mu\text{m}$	particles/minute	5165
Particle Emission Rate for Particles $\geq 0.5\mu\text{m}$	particles/minute	225

Nonwovens-Lint & Other Particles Generation in the Dry State:

EN ISO 9073-10:2004; Size of particles counted: $3\mu\text{m} \sim 25\mu\text{m}$

(A) Fabric	Side A	Side B	Average
Total Linting	116.6	141.0	128.8
Coefficient of Linting	2.07	2.15	2.11

(A) Seam	Side A	Side B	Average
Total Linting	86.2	124.0	105.1
Coefficient of Linting	1.94	2.09	2.02

Garment System Considerations for the Cleanroom & Other Controlled Environments:

IEST-RP-CC003.4

Particle Emission Rate Category Requirements

Coverall	Emission Rate for Particles $\geq 0.3\mu\text{m}$	Emission Rate for Particles $\geq 0.5\mu\text{m}$
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

Selected Airborne Particulate Cleanliness Classes for Cleanrooms and Clean Zones

ISO Classification Number (N)	Maximum concentration limits (particles/m ³ of air) for particles equal to and larger than the considered sizes shown below (concentration limits are calculated in accordance with equation (1) in 3.2)					
	0,1 μm	0,2 μm	0,3 μm	0,5 μm	1 μm	5 μm
ISO Class 1	10	2				
ISO Class 2	100	24	10	4		
ISO Class 3	1,000	237	102	35	8	
ISO Class 4	10,000	2,370	1,020	352	83	
ISO Class 5	100,000	23,700	10,200	3,520	832	29
ISO Class 6	1,000,000	237,000	102,000	35,200	8,320	293
ISO Class 7				352,000	83,200	2,930
ISO Class 8				3,520,000	832,000	29,300
ISO Class 9				35,200,000	8,320,000	293,000

HCT Coverall Suitability for ISO Cleanrooms

Garment	IEST RPCC003.3 Cleanliness Category	Likely to be suitable for use in ISO Class 4–9 Cleanrooms	Low Average Particle Emission Rate for 1 – 5 μm
HCTCVRLIR-S	I - II	Yes	Yes
HCTCVRLIR-M	I - II	Yes	Yes
HCTCVRLIR-L	I - II	Yes	Yes
HCTCVRLIR-XL	I - II	Yes	Yes
HCTCVRLIR-2XL	I - II	Yes	Yes
HCTCVRLIR-3XL	I - II	Yes	Yes
HCTCVRLIR-4XL	I - II	Yes	Yes
HCTCVRLIR-5XL	I - II	Yes	Yes

NOTE: Uncertainties related to the measurement process require that concentration data with no more than three significant figures be used in determining the classification level.