



# Integrity® Cleanroom

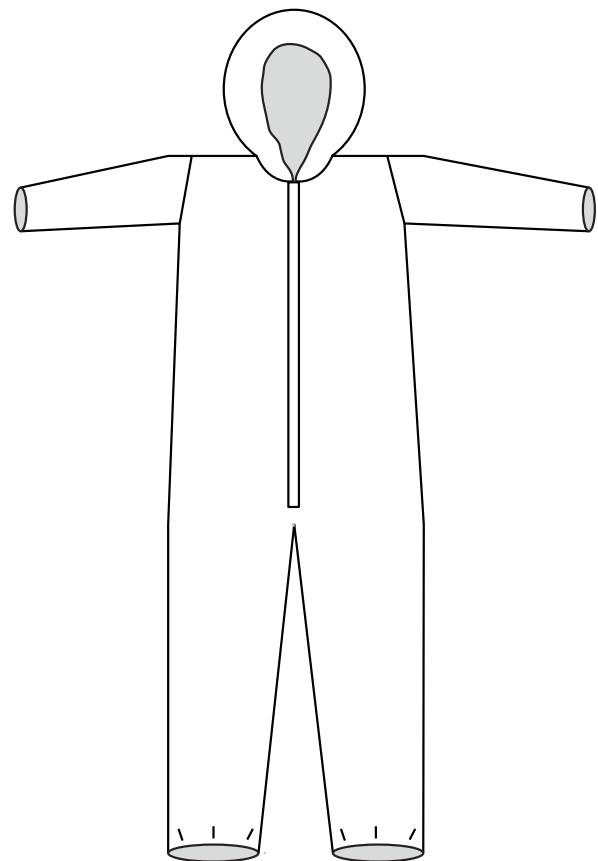
## Disposable Coverall and Lab Coat Cleanroom Apparel

Integrity® Cleanroom Apparel products are designed and manufactured to meet the stringent demands of the cleanroom industry. Manufactured from a lightweight, low linting material, our products provide excellent comfort, breathability and water vapour transmission rates. Our products are CE marked to PPE Standard Category 3, Type 5 & 6 offering a cost effective option for your disposable apparel requirements. Our products are available sterile by Gamma Irradiation and are ISO4, EU GMP Grade A Compatible.

LABCOAT		
600-5001	Each	Small
600-5002	Each	Medium
600-5003	Each	Large
600-5004	Each	X-Large
600-5005	Each	XX-Large

DISPOSABLE COVERALL		
600-5006	Each	Small
600-5007	Each	Medium
600-5008	Each	Large
600-5009	Each	X-Large
600-5010	Each	XX-Large

COVERALL WITH FEET STERILE		
600-5011	Each	Small
600-5012	Each	Medium
600-5013	Each	Large
600-5014	Each	X-Large
600-5015	Each	XX-Large



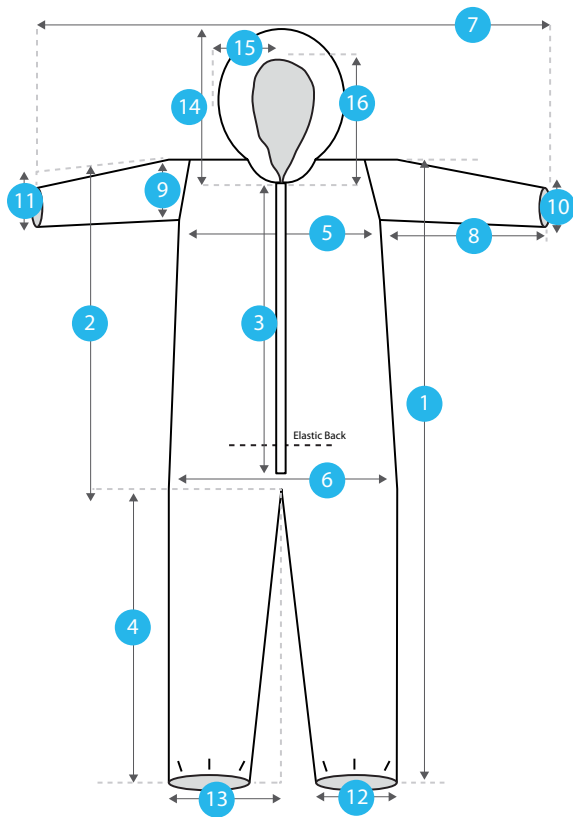
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## Integrity® Disposable Hooded Coverall Type 5/6



DESCRIPTION	CODE	MEDIUM (CM)	LARGE (CM)	X LARGE (CM)	XX LARGE (CM)	TOLERANCE +/- (CM)
Overall Length	1	155	170	183	185	2.54
Torso Length	2	88	92	103	105	2.54
Zipper Length	3	65	65	76	78	2.54
Inseam	4	71	78	82	84	2.54
Chest Width	5	66	68	75	75	2.54
Waist Size (before elastic sewn in)	6	66	68	75	75	2.54
Overall Arm Length	7	167	175	187	188	2.54
Sleeve Length (from underarm seam)	8	50	54	56	56.5	2.54
Sleeve Width	9	25.5	26	26.5	27	2.54
Relaxed Wrist Opening	10	7	8	8	8.5	2.54
Stretched Wrist Opening	11	16	16.5	16.5	17	2.54
Relaxed Ankle Opening	12	12	15	15	16	2.54
Stretched Ankle Opening	13	19	21	21	22.5	2.54
Hood Height/Stretched Hood Opening	14	30.5	31	31	32	2.54
Hood Width	15	12	13	13	14	2.54
Relaxed Hood Opening	16	16.00	17.00	17.00	18.00	2.54

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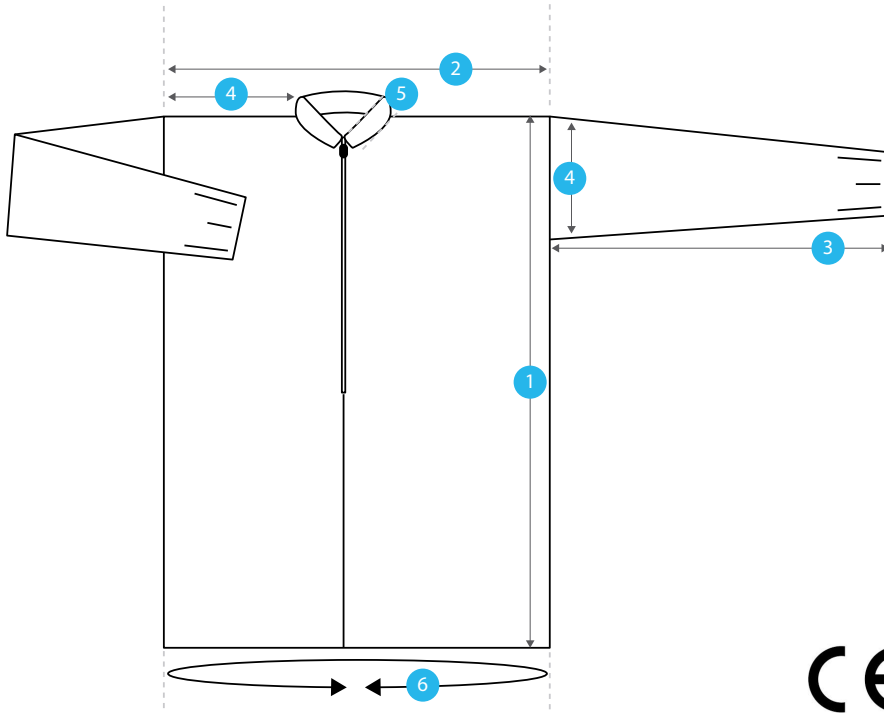
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## Integrity® Disposable Zip Lab Coat



DESCRIPTION	CODE	S	M	LARGE	X-LARGE	XX-LARGE	XXX-LARGE	XXXX-LARGE	TOLERANCE +/-
Overall Length	1	104.14	111.76	111.76	116.84	116.84	119.38	121.92	5.08
Chest Width	2	55.88	60.98	66.04	71.12	78.74	86.36	93.98	2.54
Sleeve Length (from underarm seam)	3	45.72	50.8	53.34	55.88	58.42	60.98	63.5	1.27
Sleeve Opening Width	4	26.67	26.87	29.21	29.21	30.48	35.58	40.64	1.27
Collar Width (from the shoulder)	5	6.35	6.35	6.35	6.35	6.35	6.35	6.35	1.27
Sweep	6	121.92	132.08	142.24	152.4	167.64	180.34	193.04	5.08

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# Integrity<sup>®</sup> Cleanroom

## TECHNICAL SPECIFICATIONS

DESCRIPTION	INTEGRITY RESULT	TEST PROCEDURE PGI STANDARD	REF TEST PROCEDURE ASTM STANDARD
Basis Weight oz/yd	1.5	D3776	D3776
Thickness Mils	6.77	D1777	D1777
Strip Tensile (MD/CD) lbs/in	8.73/6.22	D1682	D1682
Strip Elongation (MD/CD) %	112/107	D1682	D5034
Work to Break in - lbs	20.38/12.13	D1682	D1682
Work up to Fmax. (MD/CD) in - lbs	18.55/10.83	D1682	
Tounge Tear (MD/CD) lbs	15.25/9.62		DASTM D2261
Flammability	Class 1		CS-191-53, Sec. 1610
Mullen Burst lbs/sq in	83		
Particulate Burden	none		
Shrink Temp F°/C°	270/135		
Melt Temp F°/C°	275/135		
Water Vapour Transmission gm/24hrs	840		ASTM E96

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## TEST RESULTS

ITEM		TEST PROCEDURE PGI STANDARD	REF TEST PROCEDURE ASTM STANDARD
Fabric Weight g/m <sup>2</sup>		GB/T 4669-1995	50
Water Vapour Transmission g/m <sup>2</sup> 24hrs		GB/T 12074-1991	1500
Water Resistance Kpa		FZ/T 01004-1991	18.8
Flat Abrasion		FZ/T 01001-1991	198
Breaking Strength N/5cm		GB/T 3923.1-1997	Radial: 70 Woof: 50
Elongation at Break %		GB/T 3923.1-1997	Radial: 60 Woof: 50
Tear Strength N/5cm		ASTM D2261-1996	Sample cut by horizontal side, normal testing cannot be done
			Woof: 8.6
Electric Charge Density uC/m <sup>2</sup>		GB/T 5455-1997	6.5
Flammability		GB/T 4744-1997	Melt-down
Chemical Resistance	Bleach 5%	ASTM T903	Pass
	Hydraulic Jack Oil	ASTM T903	Pass
	Isocyanate Based Paint Hardener	ASTM T903	Pass
	Motor Oil	ASTM T903	Pass
	Sodium Hydroxide	ASTM T903	Pass
	Mineral Oil	ASTM T903	Pass
Dry Particle Filtration Efficiency			No Particle Penetration
Wet Particle Filtration Efficiency			No Particle Penetration

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