

**PRODUCT**

# Integrity Disposable Coverall IC500

**TECHNICAL DATASHEET**

**DESCRIPTION**

This disposable coverall is made from a 55gsm microporous, non woven material. It features elasticated waist, cuffs and ankles plus a panel elasticated hood. Protects against airborne solid particulates and small spatters from liquid chemicals.

**FEATURES**

- High-quality 2-way zipper and re-sealable storm flap
- Strong tear & seam strength
- Breathable microporous fabric helps reduce heat stress when worn for long periods
- CE Certified
- Antistatic

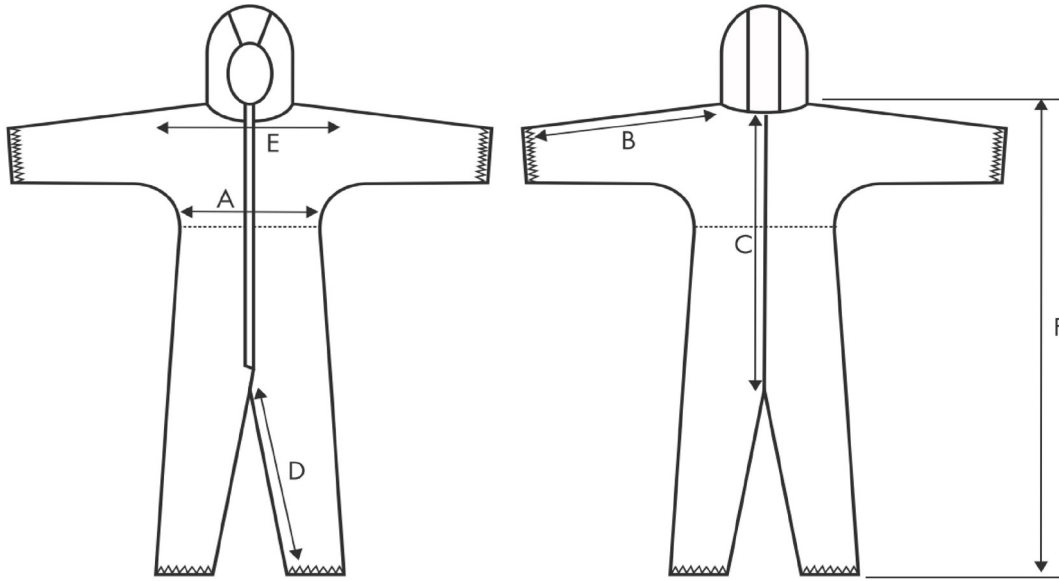


PRODUCT CODE	DESCRIPTION	SIZE	QUANTITY
600-5006E	IC500 Coverall	Small	Each
600-5007E	IC500 Coverall	Medium	Each
600-5008E	IC500 Coverall	Large	Each
600-5009E	IC500 Coverall	X-Large	Each
600-5010E	IC500 Coverall	XX-Large	Each
600-5000E	IC500 Coverall	XXX-Large	Each

To request a quotation or for more information, please call **+44 (0)1473 836205**  
email [info@integritycleanroom.co.uk](mailto:info@integritycleanroom.co.uk) or visit [www.integritycleanroom.co.uk](http://www.integritycleanroom.co.uk)

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## SIZING



DESCRIPTION	CODE	SMALL (cm)	MEDIUM (cm)	LARGE (cm)	X-LARGE (cm)	XX-LARGE (cm)	XXX-LARGE (cm)
Half Chest	A	59	62	68	70	75	80
Sleeve	B	83	87	89	92	95	98
Body Length	C	88	95	97	101	105	110
Inside Leg	D	76	79	82	85	86	89
Shoulders	E	51	54	60	62	67	72
Full Length	F	165	170	173	180	183	190
Height		158-166	166-174	174-182	182-190	190-198	198-206
Chest		86-94	94-102	102-110	110-118	118-129	129-141
Waist		74-82	82-90	90-98	98-106	106-117	117-129

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EN 14126:2003 - BARRIER TO INFECTIVE AGENTS (TEST)	TEST METHOD	RESULT	CLASS
Bursting strength	ISO 13938-1	> 160 kPa	3
Resistance to penetration by blood-borne pathogens	ISO 16603/16604	20 kPa	6
Resistance to penetration by infective agents	ISO 22610	t > 75	6
Resistance to penetration by contaminated liquid aerosols	ISO DIS 22611	log > 5	3
Resistance to penetration by contaminated solid particles	EN ISO 22612	≤ 1	3
PERFORMANCE OF WHOLE SUIT (TEST)			
Resistance to liquid penetration Spray test type 6	EN ISO 17491-4		Pass
Resistance to aerosol penetration Inward leakage type 5	EN ISO 13982	Ljmn,82/90 ≤ 30% Ls 8/10 ≤ 15%	Pass
Nominal protection factor	EN 1073-2	E %9 TILA %7 Fpn 14	1
Practical performance tests	EN 1073-2		Pass
Seams: strength	EN ISO 13935-2	> 75 < 125N	3
FABRIC PHYSICAL PROPERTIES			
Resistance to penetration to liquid	EN ISO 6530 – EN 13034		3
Repellency to liquid	EN ISO 6530 – EN 13034		3
Abrasion Resistance	EN 530 - method 2	> 10 cycles	1
Trapezoidal tear resistance	EN ISO 9073-4 EN 1073-2	> 20 N < 40 N	3
Trapezoidal tear resistance	EN ISO 9073-4	> 20 N < 40 N	2
Tensile strength	EN ISO 13934-1	> 30 N < 60 N	1
Puncture resistance	EN 863 - EN 1073-2	> 10 N < 50 N	2
Puncture resistance	EN 863 - EN 13034	> 10 N < 50 N	2
Flex cracking resistance	EN 7854	> 100000 c.	6
Blocking resistance	EN 25978 - EN 1073-2		Pass
Ignition and flammability	EN 13274-4 - EN 1073-2		Pass
Surface Resistance	ANSI/ESD STM 2.1:2013 - test condition EN 1149-1	10 <sup>9</sup> - 10 <sup>11</sup> Ohms	Pass
Charge Decay	test condition EN 1149-3	t50 < 0.01	Pass

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