INTEGRITY™
CLEANROOM PRODUCTION SOLUTIONS

PRODUCT

Disposable Cleanroom Lab Coat (Knitted Cuff)

TECHNICAL DATASHEET

DESCRIPTION

This cleanroom lab coat is made from a 55gsm microporous, non woven material and features knitted cuffs and a zip up front. Excellent protection against hazardous dust, liquid splash, and infective agents. The breathable microporous fabric minimizes heat stress and provides lasting comfort during extended work periods.

FEATURES

- High-quality zipper for a secure fit
- Knitted cuffs
- Exceptional tear and seam strength
- Breathable microporous fabric
- CE certified
- Antistatic

PRODUCT CODE	DESCRIPTION	SIZE	QUANTITY
603-0070	Disposable Cleanroom Lab Coat (Knitted Cuff)	M	Each
603-0071	Disposable Cleanroom Lab Coat (Knitted Cuff)	L	Each
603-0072	Disposable Cleanroom Lab Coat (Knitted Cuff)	XL	Each
603-0073	Disposable Cleanroom Lab Coat (Knitted Cuff)	XXL	Each

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

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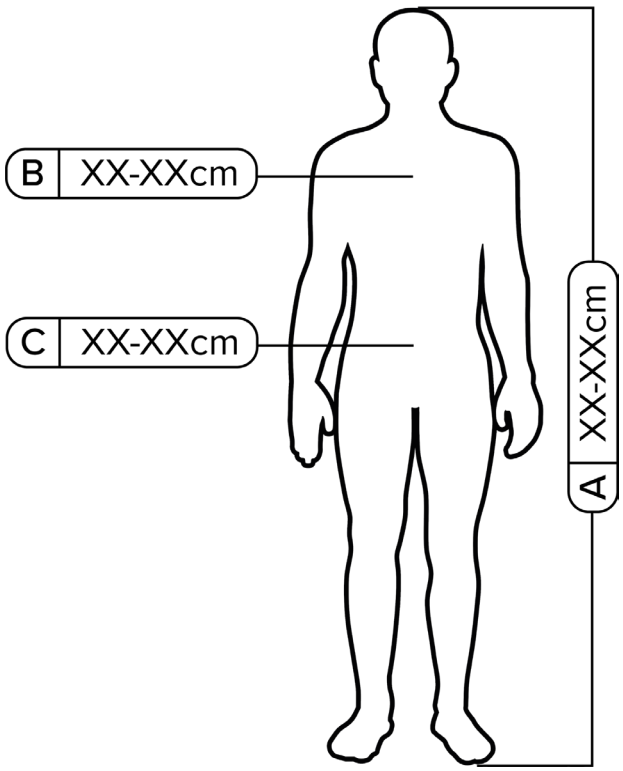
SIZING



DESCRIPTION	CODE	SMALL (cm)	MEDIUM (cm)	LARGE (cm)	X-LARGE (cm)	XX-LARGE (cm)	XXX-LARGE (cm)
Height	A	158-164	164-170	170-176	176-182	182-188	188-164
Chest	B	86-94	94-102	102-110	110-118	118-129	129-141
Waist	C	74-82	82-90	90-98	98-106	106-114	114-122

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FABRIC PHYSICAL PROPERTIES	TEST METHOD	RESULT	CLASS
Abrasion Resistance	(EN 530 - method 2)	> 10 cycles	1
Flex Cracking Resistance	EN 7854	> 100 000 c.	6
Trapezodal Tear Strength	EN ISO 9073-4	>20 N	2
Tensile Strength	EN ISO 13934-1	>30 N	1
Puncture Resistance	EN 863 - EN 13034	>10 N	2
Surface Resistance	ANSI/ESD STM 2.1:2013 - test condition EN 1149-1	Pass 10^9 - 10^{11} Ohms	N/A
Charge Decay	ANSI/ESD STM 2.1:2013 - test condition EN 1149-1	Pass ≤ 2.5 x 10^9	N/A
PH	EN 340 - ISO 3071	Pass 3.5 > pH > 9.5	N/A
FABRIC RESISTANCE TO PENETRATION BY INFECTIVE AGENTS	**TEST METHOD**	**RESULT**	**CLASS**
Resistance to penetration by blood-borne pathogens	phi-x174 bacteriophage test (ISO 16603/16604	20 kPA	6
Resistance to penetration by infective agents due to mechanical contact with substances containing contaminated liquids	ISO 22610 - test microorganism: Staphylococcus aureus	t > 75	6
Resistance to penetration by contaminated liquid aerosols	ISO DIS 22611 - test microorganism: Staphylococcus aureus	log > 5	3
Resistance to penetration by contaminated solid particles	EN ISO 22612 - test microorganism: spores of Bacillus subtilis	≤ 1	3
PERFORMANCE OF SUIT	**TEST METHOD**	**RESULT**	**CLASS**
Type 6: Low level spray test	EN ISO 17491-4, Method A - EN 13034	Pass	N/A
Seams Strength	EN ISO 13935-2	> 75 N	3

FABRIC RESISTANCE TO PENETRATION BY LIQUIDS (EN ISO 6530 - EN 13034)				
	REPELLENCY RESULT	REPELLENCY EN CLASS	PENETRATION RESULT	PENETRATION EN CLASS
Sulphuric Acid (30%)	> 95%	3	< 1%	3
Sodium Hydroxide (10%)	> 95%	3	< 1%	3
o-Xylene	> 90%	2	< 1%	3
Butan-1-ol	> 95%	3	< 1%	3

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