

PRODUCT

Disposable Cleanroom Lab Coat - Knitted Cuff

603-0070



DESCRIPTION

Integrity Cleanroom clothing 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 clothing requirements.

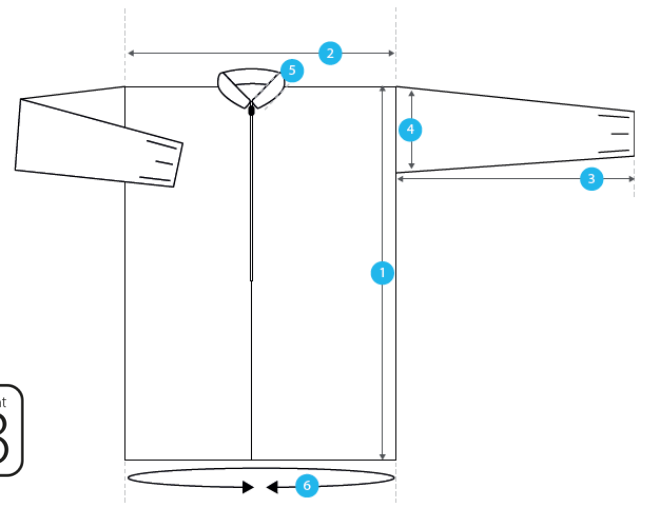
FEATURES

- ISO 6 and above
- Knitted cuffs
- Low linting levels
- Available sterile by gamma irradiation
- Zip closure

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

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

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SIZE	OVERALL LENGTH	CHEST LENGTH	SLEEVE LENGTH	SLEEVE OPENING WIDTH	COLLAR WIDTH	OVERALL WIDTH
	1	2	3	4	5	6
S	104.14	55.88	45.72	26.87	6.35	121.92
M	108	65	57	26	8	134
L	110	67	57	26	8	138
XL	112	71	57	26.5	8	142
XXL	114	73	57	26.5	8	146
TOLERANCE +/-	5	2.5	1.3	1.3	1.3	5

DESCRIPTION	INTEGRITY RESULT	TEST PROCEDURE PGI STANDARD	REF TEST PROCEDURE ASTM STANDARD
Basis weight oz/yd	1.5	D3776	D3776
Thickness Mills	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	
Tongue 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	1302		ASTM E96 - 2006

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TEST RESULT

Air Permeability of Textile Fabrics (ASTM D737-2004; TEXTEST FX3300 Air Permeability Tester III)

Test pressure: 125 pa
Test area: 38 sq cm

Individual Readings (Unit : cfm): 1: 0.230
2: 0.227
3: 0.239
4: 0.251
5: 0.234

Commentary: -
Average: 0.236
Minimum: 0.227
Maximum: 0.251
CV%: 4.0

Fabric Weight per Unit Area (ASTM D3776-2002; option C)

(oz/yd²): 1.9
(g/m²): 66

Water Resistance* (ASTM D751-2000 ; Hydrostatic Head)

Water column (mm): 1616.7

Tensile Strength (ASTM D6034-2001; Instron CRE - 1" Grab)

Length (lb): 4.7
Width yarns torn (lb): 5.2

Notes: Warp test - test in which the warp yarns are torn.
Weft test - test in which the weft yarns are torn.

Bursting Strength (ASTM D3787-1989; Instron ball bursting)

lbf : 25.9

Water Vapour Transmission of Textiles Fabrics (ASTM E96 2005)

Procedure B: Inverted Water Method at 73.4°C (23°C) & 50±2% RH

Tested Area: 0.003117 square metre
Orientation : Back side : Facing Water
Grams per square metre per 24 hours 1302

****End of report****

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