



PRODUCT SPECIFICATION

DISPOSABLE LAB COAT

NON-STERILE

SureGuard **2**

PRODUCT INFORMATION

PRODUCT DESCRIPTION

Single use anti-static Disposable Lab Coat
Available in sizes: SML; MED; LGE; XLG; XXL

PRODUCT FEATURES

CE marked to Type 6 PPE category III.
Front zip closure with adhesive dual-layer covering flap.
Manufactured from white microporous polypropylene with polyethylene laminate fabric.
Reinforced underarms and crotch areas.

PACKAGING

Primary packaged in polythene bags

QUALITY ASSURANCE

Product supplied under BS EN ISO 9001 registered systems

SHELF LIFE

2 years from date of manufacture

STORAGE CONDITIONS

Store in a dry, well ventilated area and protect from direct sunlight and heat sources.

TECHNICAL INFORMATION

Performance Characteristic				
Test	Result			Class
Resistance to liquid penetration Spray test type 6 (EN ISO 17491-4 met. A – EN 13034)				PASS
Resistance to aerosol penetration Inward leakage type 5 (EN ISO 13982-2 – EN ISO 13982)	IL _{82/90} ≤ 30% TILS _{8/10} ≤ 15%			PASS
Nominal protection factor (EN ISO 13982-2 – EN 1073-2)	TIL _E %	% TIL _A	F _{pn}	CLASS 2
Practical performance tests (EN 1073-2)				COMPLIANT
Electric surface resistance (EN 1149-1)	≤ 2.5 x 10 ⁹			PASS
Seams: strength (EN ISO 13935-2)	>75 < 125 N			CLASS 3
Resistance to penetration to liquid (EN ISO 6530 – EN 13034)	H ₂ SO ₄ 30%	<1%		CLASS 3
	NaOH 10%:	<1%		CLASS 3
	o-xilene	<1%		CLASS 3
	Butan-1-ol	<1%		CLASS 3
Repellency to liquid (EN ISO 6530 – EN 13034)	H ₂ SO ₄ 30%	>95%		CLASS 3
	NaOH 10%:	>95%		CLASS 3
	o-xilene	90-95%		CLASS 2
	Butan-1-ol	90-95		CLASS 2
Abrasion Resistance (EN 530 - method 2)	>100 < 500 cycles			CLASS 2
Trapezoidal tear resistance (EN ISO 9073-4)	>20 < 40 N			CLASS 2
Tensile strength (EN ISO 13934-1)	> 30 < 60 N			CLASS 1
Puncture resistance (EN 863 - EN 13034)	>10 < 50 N			CLASS 2
Flex cracking resistance (EN 7854)	> 100 000 cycles			CLASS 6
Blocking resistance (EN 25978 - EN 1073-2)				NO ADHERENCE
Bursting strength (13938-1)	> 160 < 320 kPa			CLASS 3
Resistance to penetration by blood-borne pathogens - phi-x174 bacteriophage test (ISO 16603/16604)	20 kPa			CLASS 6
Resistance to penetration by infective agents due to mechanical contact with substances containing contaminated liquids - ISO 22610 (test microorganism: staphylococcus aureus)	60 < t ≤ 75			CLASS 5
Resistance to penetration by contaminated liquid aerosols - ISO DIS 22611 (test microorganism: staphylococcus aureus)	log > 5			CLASS 3
Resistance to penetration by contaminated solid particles - EN ISO 22612 (test microorganism: spores of Bacillus subtilis)	≤ 1			CLASS 3

ORDERING/PACKING INFORMATION

Code	Description	Size	Pack Qty	Case Qty	Case Dimensions	Weight
DNWH10	Disposable Lab Coat Non-Sterile	SML MED LGE XLG XXL	1	25	330 x 280 x 300mm	4.15 KG