

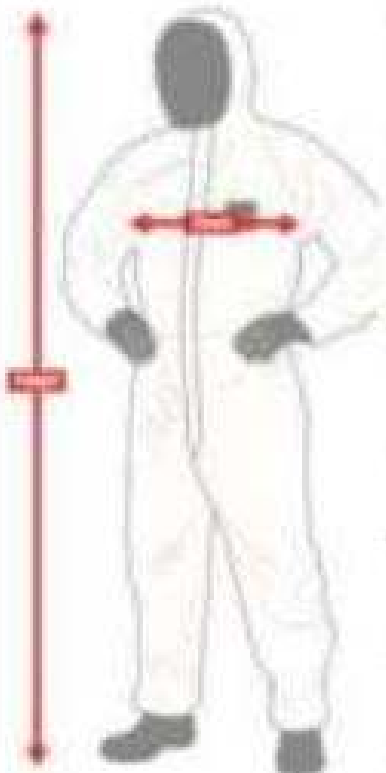
## DISPOSABLE LAMINATED PROTECTIVE OVERALL TECHNICAL DATA SHEET



CHARACTERISTIC	SPECIFICATION
Material Composition	Polypropylene and Polyethylene Nonwoven Material
Description	Overall suit is made of lightweight Non-Woven waterproof material, strong and durable, soft and comfortable to wear. Features: Full zipper front and elastic wrists and ankle cuffs as well as cap . It can be with or without stripes.
Basic Weight (g/m <sup>2</sup> )	55 g/m <sup>2</sup> (±2)
Colour	White

## MEASUREMENT DIAGRAM

Size chart

		*Chest	*Height
	S	84 – 92	164 – 170
	M	92 – 100	170 – 176
	L	100 – 108	176 – 182
	XL	108 – 116	182 – 188
	2XL	116 – 124	188 – 194
	3XL	124 – 132	194 – 200
	4XL	132 – 140	200 – 206
	5XL	140 – 148	206 – 212
* (cm)			

## TEST RESULTS

### BACTERIAL FILTRATION EFFICIENCY (BFE)

Test Method: EKOTEKS 70 (In-House Method-Bacterial Filtration Efficiency Testing /Ref: TS EN 14683:2019 Medical Face Masks, Requirements and Test Methods (\*)

A specimen of the mask material is clamped between an impactor and an aerosol chamber. An aerosol of *Staphylococcus aureus* is introduced into the aerosol chamber and drawn through the mask material and the impactor under vacuum. The bacterial filtration efficiency of the mask is given by the number of colony forming units passing through the medical face mask material expressed as a percentage of the number of colony forming units present in the challenge aerosol.

Test Flow Rate	28,3 L/min
Test Flow Time	2 minute
Sample Sizes	20x20 cm <sup>2</sup>
Microorganism	<i>Staphylococcus aureus</i> ATCC 6538
Bacterial concentration (cfu/ ml )	5x10 <sup>5</sup> cfu/ ml
incubation conditions	24 hour, 35°C ± 2°C
Positive control sample average of number of Bacteria (C)	2.6x10 <sup>7</sup> cfu/ ml

### RESULTS

Number of Test Sample	Test Sample (T) Number of Bacteria (cfu/ml)	Bacterial Filtration Efficiency ( % B )
1	15	99,4 %
2	10	99,6 %
3	25	99,0 %
4	24	99,1 %
5	26	99,0 %

cfu: Colony-forming unit

$$B = ( C - T ) / C \times 100$$

%B: Bacterial Filtration Efficiency

C: is the mean of the total plate counts for the two positive control runs

T: is the total plate count for the test specimen