



The anti-bacterial treatment on the Buro SafeTex fabric suppresses 3 bacteria

Staphylococcus aureus

Klebsiella pneumoniae

Escherichia coli (E. coli)

Buro SafeTex anti-bacterial fabric is ideal for

educational environments

healthcare environments

office environments

home office environments

Buro SafeTex fabric colours



Cobalt
8114



Olive
8179



Charcoal
8106



Rust
8197



Smoke
8189

Buro SafeTex fabric range



Buro Lindis 4 Leg
no arms
526-RS

Buro Lindis 4 Leg
with arms
525-RS

Buro Roma 3L MB
uphol back
719

Buro Roma 3L HB
uphol back
717

Buro Metro Nylon Base
no arms
202-N-M3

Buro Metro Nylon Base
with arms
202A-N-M3

Buro Metro II 24/7
no arms
222-153-SS

Buro Metro II 24/7
with arms
222A-153-SS

Buro Mentor Nylon Base
no arms
132

Buro Mentor Nylon Base
with arms
132A

See over for Buro SafeTex fabric specs & anti-bacterial test

Buro SafeTex fabric specs

100% Polyester
Woven Fabric
Piece dyed, water repellent
& brushed finish

Abrasion Test
ASTM D4157-2013(R17)
- Over 60,000 Rubs

Fire Resistance
CA117

Colour Fastness
to crocking WET & DRY 4.5

Buro SafeTex anti-bacterial test

Test Method: JIS L 1902²⁰¹⁵ Quantitive test

Calculation of activity value:

$$A = (\log C_t - \log C_o) - (\log T_t - \log T_o)$$

$$= \log C_t - \log T_t \quad (\log C_o > \log T_o)$$

- A: activity value for antibacterial
- logC_o: common logarithm of number of active bacteria (average of 3 test pieces) immediately after inoculation on untreated sample.
- logC_t: common logarithm of number of active bacteria (average of 3 test pieces) after 18-hour incubation on untreated sample.
- logT_o: common logarithm of number of active bacteria (average of 3 test pieces) immediately after inoculation on treated sample.
- logT_t: common logarithm of number of active bacteria (average of 3 test pieces) after 18-hour incubation on treated sample.

Judgement: Activity value for antibacterial >2.2= Pass
(By JTETC)

Result of Bacteriostat:

Test bacteria: <i>Esherichia coli</i> NBRC3301					
Sample		Average	Growth Value	Antibacterial Activity Value	Judgement
Blank	0 hour	3.5 x 10 ⁴	3.2	-	-
	18 hours	5.1 x 10 ⁷			
AMOLDEN PT-70	0 hour	3.7 x 10 ⁴		6.4	Pass
	18 hours	<20			

Test bacteria: <i>Staphylococcus aureus</i> NBRC12732					
Sample		Average	Growth Value	Antibacterial Activity Value	Judgement
Blank	0 hour	4.0 x 10 ⁴	2.5	-	-
	18 hours	1.4 x 10 ⁷			
AMOLDEN PT-70	0 hour	3.6 x 10 ⁴		5.8	Pass
	18 hours	<20			

Test bacteria: <i>Kiebsiella pneumoniae</i> NBRC13277					
Sample		Average	Growth Value	Antibacterial Activity Value	Judgement
Blank	0 hour	4.0 x 10 ⁴	2.7	-	-
	18 hours	2.2 x 10 ⁷			
AMOLDEN PT-70	0 hour	6.9 x 10 ⁴		6.3	Pass
	18 hours	<20			