



Textilní zkušební ústav
(Textile Testing Institute)
Václavská 6, 65841 Brno, Česká republika

ACCREDITED TESTING LABORATORY No. 1001

TEST REPORT

AZL 14/1121-02

CUSTOMER: FabricAir A/S
Islandsvej 3
4681 Herfølge
Denmark

SAMPLE: COMBI 80
(according to the customer order) Fibre composition: 100 % polyester
Woven fabric + fireproof finish + antibacterial treatment



SUBJECT OF ASSESSMENT:

Determination of antibacterial activity - Agar diffusion plate test

CONDITIONS OF APPLICATION OF THE TEST REPORT:

Test Report contains result of the tests related to the submitted sample only. Sampling has been done by customer. The Report may not be reproduced in the way other than as a complete set. Reproduction of certain parts of the Report is subject to approval of the test laboratory, which has issued it.

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PROCEDURE OF ASSESSMENT

Determination of antibacterial activity - Agar diffusion plate test
was determined according to EN ISO 20645

Used germs (cultures delivered from National institute of public health and Czech collection of Microorganisms):

1) CNCTC 6120	<i>Klebsiella pneumoniae</i>
2) CCM 4516	<i>Staphylococcus aureus</i>

Conditions of assessment:

- diameter of test specimen: Ø 25 mm
- temperature in incubator: (37±1) °C
- influence time: 24 h

The bacterial growth in the nutrient medium under the test specimen was assessed according to following table:

Mean value of inhibition zone (mm)	Growth	Assessment
>1	none	good effect
1-0	none	
0	none	
0	slight	limit of efficacy
0	moderate	insufficient effect
0	heavy	

Result: assessment of bacterial growth

TEST RESULTS:

COMBI 80					
Fibre composition: 100 % polyester					
Woven fabric + fireproof finish + antibacterial treatment					
Characteristics	Test method	Measuring unit	Growth		Assessment
Determination of antibacterial activity - Agar diffusion plate test	EN ISO 20645	Growth	1)	none (IZ = 1 mm)	good effect
			2)	none (IZ = 3 mm)	good effect



Petr Nasadil
Head of Testing Laboratory