



SINCE
1950

TADDITIONIONAL

QUALITY

NONWEX AG50 K

Nonwoven thermaly bonded textile

NONWOVENS



Characteristic: Nonwoven needle punched and thermally bonded textile with antibacterial effect

Material content: 50 % polypropylen staple fibres
50 % polypropylen staple fibers containing silver

Colour: White

Weight: 115 g/m²

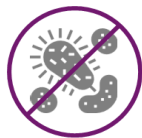
Standard width: 2 m

Standard lenght: 200 m

Certification: ISO 9001, ISO 14001, ISO 45001 and ISO 50001

Regular use: For general use with antibacterial effect

Properties:



ANTIBACTERIAL

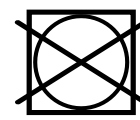
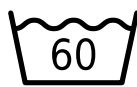


CONTAINS
SILVER



MADE IN
CZECH REPUBLIC

Textile maintanance:



Material specification sheet

Date: 31.07.2020

No: T-019-1

NONWEX AG50 K

Nonwoven thermally bonded textile



TRADITIONAL QUALITY NONWOVENS

NONWEX AG50 K		115	
PHYSICAL PROPERTIES			
Weight [$\pm 10\%$] / EN 29073-1	g/m ²	115	
Thickness 2 kPa [$\pm 15\%$] / DIN 53855-3	mm	0,8	
MECHANICAL PROPERTIES			
Tensile strenght [min] / EN 29073-3	MD	100	
	CMD N/5cm	100	
Elongation [$\pm 20\%$] / EN 29073-3	MD	40	
	CMD %	60	
Tear strength [min] / NES M 0076/13	MD	60	
	CMD N	50	
ANTIBACTERIAL EFFICACY*			
Antimicrobial Activity / ASTM E 2149-13a Bacteria: escherichia coli CCM 3954	Sample	NONWEX AG50 K	Inoculum
	1h [CFU/ml]	$9,85 \times 10^3$	$2,29 \times 10^5$
	Reduction [%]	95,70**	-
Antimicrobial Activity / AATCC TM 100 - 2012 Bacteria: staphylococcus aureus CCM 4516	Sample	NONWEX AG50 K	UNTEX HQ PP K 130 (Without Ag)
	0h [CFU/ml]	$8,55 \times 10^4$	$7,75 \times 10^4$
	24h [CFU/ml]	$2,10 \times 10^3$	$7,4 \times 10^4$
	Reduction [%]	97,54	4,52
INSTRUCTION FOR USE			
Washing temperature [max]	°C	60	
Washing cycles [max]	No	5	
Ironing		No	
Warnig		DO NOT USE THE MATERIAL IN CASE OF DAMAGE	
DIMENSION, PACKAGING AND STORAGE			
Packaging		Rolls are packed in PE foil, and wind up on paper tubes	
Storage		In covered, clean and dry spaces	

The above technical parameters are average values and serve for general information. The manufacturer reserves the right to change it.

* The following parameters were tested at VÚTCH-CHEMITEX, Žilina in accredited testing laboratory of antimicrobial activity.

**The reduction calculation is based on the values from the inoculum control sample. Quantity of sample: $1 \text{ g} \pm 0,1 \text{ g}$.