RETEX SINCE 1950

NONWEX AG 50
Nonwoven needlepunched textile

OEKO TEX®
STANDARD 100   PG035 217550 OETI
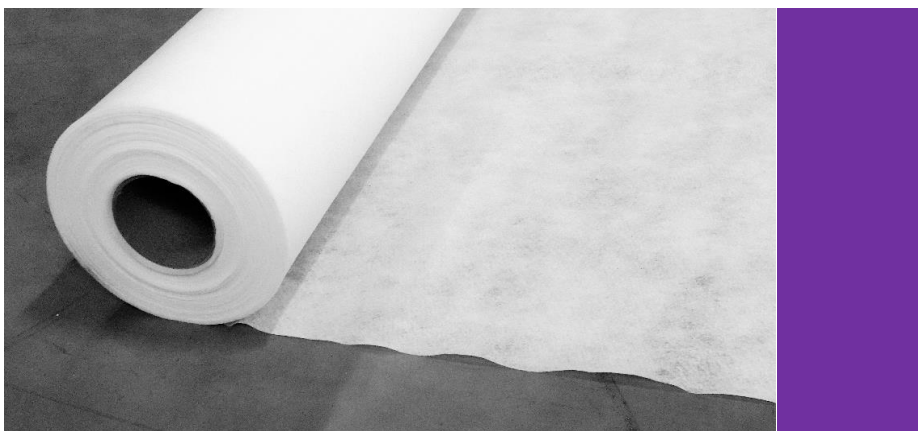
|	
Characteristic:	Nonwoven needlepunched textile with antibacterial effect
Material content:	50 % polypropylen staple fibres
	50 % polypropylen staple fibers containing silver
Color:	White
Weight:	150 g/m^2
Standard width:	from 2 to 6 m (exact width according to customer's request)
Standard lenght:	200 m
Regular use:	For general use with antibacterial effect
Properties:	

ANTIBACTERIAL   **Ag** CONTAINS SILVER

Textile maintanance:

60
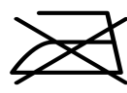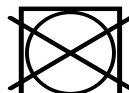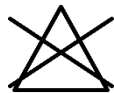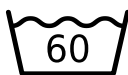
Material specification sheet
Date: 25. 11. 2025

NONWEX AG 50
Nonwoven needlepunched textile

NONWEX AG50			150	
PHYSICAL PROPERTIES				
Weight [±10 %] / EN 29073-1		g/m^2	150	
Thickness 2 kPa [±15 %] / DIN 53855-3		mm	3	
MECHANICAL PROPERTIES				
Tensile strenght [min] / EN 29073-3	MD	N/5cm	350	
	CMD		500	
Elongation [±20 %] / EN 29073-3	MD	%	95	
	CMD		95	
Static elongation / PV 3909	MD	%	35	
	CMD		30	
Tear strength [min] / NES M 0076/13	MD	N	50	
	CMD		50	
ANTIBACTERIAL EFFICACY*				
Antimicrobial Activity / ASTM E 2149-13a Bacteria: escherichia coli CCM 3954	Sample		NONWEX AG50	Inoculum
	1h [CFU/ml]		$9,85 \times 10^3$	$2,29 \times 10^5$
	Reduction [%]		95,70**	-
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.